

Listing Code

```
<?php
include("../koneksi/koneksi.php");

$s=mysqli_query($db,"SELECT *
FROM kriteria");

$h=mysqli_num_rows($s);

session_start();

if ($_SESSION['nip'] == "") {

header("location:../login.php?pesan=anda_belum_login");

}

?>
<!DOCTYPE html>
<html lang="en">
<head>
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport"
content="width=device-width, initial-scale=1, shrink-to-fit=no">
<title>Nilai Matrik | PT CONNECTRA UTAMA</title>
<!-- base:css -->
<link rel="stylesheet"
href="../assets/vendors/typicons.font/font/typicons.css">
<link rel="stylesheet"
href="../assets/vendors/css/vendor.bundle.base.css">
<!-- endinject -->
<!-- plugin css for this page -->
<!-- End plugin css for this page -->
<!-- inject:css -->
<link rel="stylesheet"
href="../assets/css/vertical-layout-light/style.css">
<!-- endinject -->
<link rel="shortcut icon"
href="../assets/images/logo.png" />
</head>
<body>
<div class="container-scroller">
<!-- partial:partials/_navbar.html -->
<nav class="navbar col-lg-12 col-12 p-0 fixed-top d-flex flex-row">
<div class="text-center navbar-brand-wrapper d-flex align-items-center justify-content-center">
<a class="navbar-brand brand-logo" href="index.php"></a>
<a class="navbar-brand brand-logo-mini" href="index.php"></a>
<button class="navbar-toggler navbar-toggler align-self-center d-none d-lg-flex" type="button" data-toggle="minimize">
<span class="typcn typcn-th-menu"></span>
</button>
</div>
</nav>
</div>
</body>
</html>
```

```
<div class="navbar-menu-wrapper d-flex align-items-center justify-content-end">
```

```
<ul class="navbar-nav navbar-nav-right">
```

```
<li class="nav-item nav-profile dropdown">
```

```
<a class="nav-link dropdown-toggle pl-0 pr-0" href="#" data-toggle="dropdown" id="profileDropdown">
```

```
<i class="typcn typcn-user-outline mr-0"></i>
```

```
<span class="nav-profile-name"><?=$_SESSION['nama'];?></span>
```

```
</a>
```

```
<div class="dropdown-menu dropdown-menu-right navbar-dropdown" aria-labelledby="profileDropdown">
```

```
<a class="dropdown-item" href="../../proses/proses-logout.php">
```

```
<i class="typcn typcn-power-text-primary"></i>
```

```
Logout
```

```
</a>
```

```
</div>
```

```
</li>
```

```
</ul>
```

```
<button class="navbar-toggler navbar-toggler-right d-lg-none align-self-center" type="button" data-toggle="offcanvas">
```

```
<span class="typcn typcn-th-menu"></span>
```

```
</button>
```

```
</div>
```

```
</nav>
```

```
<!-- partial -->
```

```
<div class="container-fluid page-body-wrapper">
```

```
<!-- partial:partials/_settings-panel.html -->
```

```
<div class="theme-setting-wrapper">
```

```
<div id="settings-trigger"><i class="typcn typcn-cog-outline"></i></div>
```

```
<div id="theme-settings" class="settings-panel">
```

```
<i class="settings-close typcn typcn-delete-outline"></i>
```

```
<p class="settings-heading">SIDEBAR MODE</p>
```

```
<div class="sidebar-bg-options" id="sidebar-light-theme">
```

```
<div class="img-ss rounded-circle bg-light border mr-3"></div>
```

```
Light
```

```
</div>
```

```
<div class="sidebar-bg-options selected" id="sidebar-dark-theme">
```

```
<div class="img-ss rounded-circle bg-dark border mr-3"></div>
```

```
Dark
```

```
</div>
```

```
<p class="settings-heading mt-2">HEADER COLOR</p>
```

```
<div class="color-tiles mx-0 px-4">
```

```

        <div class="tiles
success"></div>
        <div class="tiles
warning"></div>
        <div class="tiles
danger"></div>
        <div class="tiles
primary"></div>
        <div class="tiles info"></div>
        <div class="tiles dark"></div>
        <div class="tiles default
border"></div>
    </div>
</div>
</div>
</div>
<!-- partial -->
<!-- partial:partials/_sidebar.html --
>
    <nav class="sidebar sidebar-
offcanvas" id="sidebar">
        <ul class="nav">
            <li class="nav-item">
                <div class="d-flex sidebar-
profile">
                    <div class="sidebar-profile-
image">
                        
                            <span class="sidebar-status-
indicator"></span>
                        </div>
                    <div class="sidebar-profile-
name">
                            <p class="sidebar-name">
                                <?=$_SESSION['nama'];?>
                            </p>
                            <p class="sidebar-
designation">
                                Welcome
                            </p>
                        </div>
                    </div>
                </li>
                <li class="nav-item">
                    <a class="nav-link"
href="index.php">
                        <i class="typcn typcn-device-
desktop menu-icon"></i>
                    </a>
                    <span class="menu-
title">Dashboard</span>
                </li>
                <li class="nav-item">
                    <a class="nav-link"
href="data_pegawai.php">
                        <i class="typcn typcn-film
menu-icon"></i>
                    </a>
                    <span class="menu-title">Data
Pegawai</span>
                </li>
                <li class="nav-item">

```

```
<a class="nav-link" data-  
toggle="collapse" href="#ui-basic" aria-  
expanded="false" aria-controls="ui-  
basic">
```

```
<i class="typcn typcn-briefcase  
menu-icon"></i>
```

```
<span class="menu-  
title">Pengolahan Data</span>
```

```
<i class="typcn typcn-chevron-  
right menu-arrow"></i>
```

```
</a>
```

```
<div class="collapse" id="ui-  
basic">
```

```
<ul class="nav flex-column  
sub-menu">
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="alternatif.php">Alternatif</a></li  
>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="kriteria.php">Kriteria</a></li>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="nilai_matrik.php">Nilai  
Matrik</a></li>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="matrik_ternormalisasi.php">Matri  
k Ternormalisasi</a></li>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="matrik_ternormalisasi_terbobot.p  
hp">Matrik Ternormalisasi  
Terbobot</a></li>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="matrik_ideal.php">Matrik Ideal  
Positif/Negatif</a></li>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="jarak_solusi.php">Jarak Solusi  
Ideal Positif/Negatif</a></li>
```

```
<li class="nav-item"> <a  
class="nav-link"  
href="nilai_preferensi.php">Nilai  
Preferensi</a></li>
```

```
</ul>
```

```
</div>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="data-  
user.php">
```

```
<i class="typcn typcn-film  
menu-icon"></i>
```

```
<span class="menu-title">Data  
User</span>
```

```
</a>
```

```
</li>
```

```
</ul>
```

```
</nav>
```

```
<!-- partial -->
```

```
<div class="main-panel">
```

```
<div class="content-wrapper">
```

```
<div class="row">
```

```
<div class="col-lg-12 grid-  
margin stretch-card">
```

```
<div class="card">
```

```
<div class="card-body">
```

```
<h4 class="card-title">Tabel  
Nilai Matrik</h4>
```

```
<div class="table-responsive  
pt-3">
```



```
<div class="d-sm-flex justify-content-center justify-content-sm-between">
```

```
<span class="text-center text-sm-left d-block d-sm-inline-block">Copyright © <a target="_blank">Aji Kurniawan</a> 2023</span>
```

```
</div>
```

```
</footer>
```

```
<!-- partial -->
```

```
</div>
```

```
<!-- main-panel ends -->
```

```
</div>
```

```
<!-- page-body-wrapper ends -->
```

```
</div>
```

```
<!-- container-scroller -->
```

```
<!-- base:js -->
```

```
<script src="../../assets/vendors/js/vendor.bundle.base.js"></script>
```

```
<!-- endinject -->
```

```
<!-- Plugin js for this page-->
```

```
<!-- End plugin js for this page-->
```

```
<!-- inject:js -->
```

```
<script src="../../assets/js/off-canvas.js"></script>
```

```
<script src="../../assets/js/hoverable-collapse.js"></script>
```

```
<script src="../../assets/js/template.js"></script>
```

```
<script src="../../assets/js/settings.js"></script>
```

```
<script src="../../assets/js/todolist.js"></script>
```

```
<!-- endinject -->
```

```
<!-- plugin js for this page -->
```

```
<!-- End plugin js for this page -->
```

```
<!-- Custom js for this page-->
```

```
<!-- End custom js for this page-->
```

```
</body>
```

```
</html>
```

```
<?php
```

```
include("../../koneksi/koneksi.php");
```

```
session_start();
```

```
if ($_SESSION['nip'] == "") {
```

```
header("location:../../login.php?pesan=anda_belum_login");
```

```
}
```

```
if(!isset($_SESSION['ymax'])){
```

```
include ('jarak_solusi.php');
```

```
}
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<!-- Required meta tags -->
```

```
<meta charset="utf-8">
```

```

<meta name="viewport"
content="width=device-width, initial-
scale=1, shrink-to-fit=no">

<title>Nilai Preferensi | PT
CONNECTRA UTAMA</title>

<!-- base:css -->

<link rel="stylesheet"
href="../../assets/vendors/typicons.font/f
ont/typicons.css">

<link rel="stylesheet"
href="../../assets/vendors/css/vendor.bun
dle.base.css">

<!-- endinject -->

<!-- plugin css for this page -->

<!-- End plugin css for this page -->

<!-- inject:css -->

<link rel="stylesheet"
href="../../assets/css/vertical-layout-
light/style.css">

<!-- endinject -->

<link rel="shortcut icon"
href="../../assets/images/logo.png" />

</head>

<body>

<div class="container-scroller">

<!-- partial:partials/_navbar.html -->

<nav class="navbar col-lg-12 col-12
p-0 fixed-top d-flex flex-row">

<div class="text-center navbar-
brand-wrapper d-flex align-items-center
justify-content-center">

<a class="navbar-brand brand-
logo" href="index.php"></a>

```

```

<a class="navbar-brand brand-
logo-mini" href="index.php"></a>

<button class="navbar-toggler
navbar-toggler align-self-center d-none
d-lg-flex" type="button" data-
toggle="minimize">

<span class="typcn typcn-th-
menu"></span>

</button>

</div>

<div class="navbar-menu-wrapper
d-flex align-items-center justify-content-
end">

<ul class="navbar-nav navbar-
nav-right">

<li class="nav-item nav-profile
dropdown">

<a class="nav-link dropdown-
toggle pl-0 pr-0" href="#" data-
toggle="dropdown"
id="profileDropdown">

<i class="typcn typcn-user-
outline mr-0"></i>

<span class="nav-profile-
name"><?=$_SESSION['nama'];?></spa
n>

</a>

<div class="dropdown-menu
dropdown-menu-right navbar-
dropdown" aria-
labelledby="profileDropdown">

<a class="dropdown-item"
href="../../proses/proses-logout.php">

<i class="typcn typcn-power
text-primary"></i>

Logout

```

```

        </a>
    </div>
</li>
</ul>
    <button class="navbar-toggler
navbar-toggler-right d-lg-none align-
self-center" type="button" data-
toggle="offcanvas">
        <span class="typcn typcn-th-
menu"></span>
    </button>
</div>
</nav>
<!-- partial -->
<div class="container-fluid page-
body-wrapper">
    <!-- partial:partials/_settings-
panel.html -->
    <div class="theme-setting-
wrapper">
        <div id="settings-trigger"><i
class="typcn typcn-cog-
outline"></i></div>
        <div id="theme-settings"
class="settings-panel">
            <i class="settings-close typcn
typcn-delete-outline"></i>
            <p class="settings-
heading">SIDEBAR MODE</p>
            <div class="sidebar-bg-options"
id="sidebar-light-theme">
                <div class="img-ss rounded-
circle bg-light border mr-3"></div>
                Light
            </div>

```

```

        <div class="sidebar-bg-options
selected" id="sidebar-dark-theme">
            <div class="img-ss rounded-
circle bg-dark border mr-3"></div>
            Dark
        </div>
        <p class="settings-heading mt-
2">HEADER COLOR</p>
        <div class="color-tiles mx-0 px-
4">
            <div class="tiles
success"></div>
            <div class="tiles
warning"></div>
            <div class="tiles
danger"></div>
            <div class="tiles
primary"></div>
            <div class="tiles info"></div>
            <div class="tiles dark"></div>
            <div class="tiles default
border"></div>
        </div>
    </div>
</div>
<!-- partial -->
<!-- partial:partials/_sidebar.html --
>
    <nav class="sidebar sidebar-
offcanvas" id="sidebar">
        <ul class="nav">
            <li class="nav-item">
                <div class="d-flex sidebar-
profile">

```



```

        <div class="sidebar-profile-
image">
            
            <span class="sidebar-status-
indicator"></span>
        </div>
        <div class="sidebar-profile-
name">
            <p class="sidebar-name">
                <?=$_SESSION['nama'];?>
            </p>
            <p class="sidebar-
designation">
                Welcome
            </p>
        </div>
        </div>
        <p class="sidebar-menu-
title">Dash menu</p>
    </li>
    <li class="nav-item">
        <a class="nav-link"
href="index.php">
            <i class="typcn typcn-device-
desktop menu-icon"></i>
            <span class="menu-
title">Dashboard</span>
        </a>
    </li>
    <li class="nav-item">

```

```

        <a class="nav-link"
href="data_pegawai.php">
            <i class="typcn typcn-film
menu-icon"></i>
            <span class="menu-title">Data
Pegawai</span>
        </a>
    </li>
    <li class="nav-item">
        <a class="nav-link" data-
toggle="collapse" href="#ui-basic" aria-
expanded="false" aria-controls="ui-
basic">
            <i class="typcn typcn-briefcase
menu-icon"></i>
            <span class="menu-
title">Pengolahan Data</span>
            <i class="typcn typcn-chevron-
right menu-arrow"></i>
        </a>
        <div class="collapse" id="ui-
basic">
            <ul class="nav flex-column
sub-menu">
                <li class="nav-item"> <a
class="nav-link"
href="alternatif.php">Alternatif</a></li>
                <li class="nav-item"> <a
class="nav-link"
href="kriteria.php">Kriteria</a></li>
                <li class="nav-item"> <a
class="nav-link"
href="nilai_matrik.php">Nilai
Matrik</a></li>
                <li class="nav-item"> <a
class="nav-link"

```

```
href="matrik_ternormalisasi.php">Matrik Ternormalisasi</a></li>
```

```
<li class="nav-item"> <a class="nav-link" href="matrik_ternormalisasi_terbobot.php">Matrik Ternormalisasi Terbobot</a></li>
```

```
<li class="nav-item"> <a class="nav-link" href="matrik_ideal.php">Matrik Ideal Positif/Negatif</a></li>
```

```
<li class="nav-item"> <a class="nav-link" href="jarak_solusi.php">Jarak Solusi Ideal Positif/Negatif</a></li>
```

```
<li class="nav-item"> <a class="nav-link" href="nilai_preferensi.php">Nilai Preferensi</a></li>
```

```
</ul>
```

```
</div>
```

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link" href="data-user.php">
```

```
<i class="typcn typcn-film menu-icon"></i>
```

```
<span class="menu-title">Data User</span>
```

```
</a>
```

```
</li>
```

```
</ul>
```

```
</nav>
```

```
<!-- partial -->
```

```
<div class="main-panel">
```

```
<div class="content-wrapper">
```

```
<div class="row">
```

```
<div class="col-lg-12 grid-margin stretch-card">
```

```
<div class="card">
```

```
<div class="card-body">
```

```
<h4 class="card-title">Tabel Nilai Preferensi</h4>
```

```
<div class="table-responsive pt-3">
```

```
<table class="table table-bordered">
```

```
<thead>
```

```
<tr>
```

```
<th
```

```
><center>Nomor</center></th>
```

```
<th
```

```
><center>Nama</center></th>
```

```
<th
```

```
><center>V<sub>i</sub></center></th>
```

```
<th
```

```
><center>Keterangan</center></th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<?php
```

```
$i=1;
```

```
$a=mysqli_query($db,"SELECT * from alternatif order by nip asc;");
```

```
echo "<tr>";
```

```
$sortir=array();
```

```

while($da=mysqli_fetch_assoc($a)){
    $idalt=$da['nip'];
    //ambil nilai
    $n=mysqli_query($db,"SELECT * from
    nilai_matrik where nip='$idalt' order by
    id_matrik ASC");
    $c=0;
    $ymax=array();
    while($dn=mysqli_fetch_assoc($n)){
        $idk=$dn['id_kriteria'];
        //nilai kuadrat
        $nilai_kuadrat=0;
        $k=mysqli_query($db,"SELECT * from
        nilai_matrik where id_kriteria='$idk'
        order by id_matrik ASC ");
        while($dkuadrat=mysqli_fetch_assoc($k
        )){
            $nilai_kuadrat=$nilai_kuadrat+($dkuadr
            at['nilai']*$dkuadrat['nilai']);
        }
        //hitung jml
        alternatif
        $jml_alternatif=mysqli_query($db,"SEL
        ECT * from alternatif order by nip
        asc;");
        $jml_a=mysqli_num_rows($jml_alterna
        tif);
        //nilai bobot
        kriteria (rata")
        $bobot=0;
        $tnilai=0;
        $k2=mysqli_query($db,"SELECT *
        from nilai_matrik where
        id_kriteria='$idk' order by id_matrik
        ASC ");
        while($dbobot=mysqli_fetch_assoc($k2
        )){
            $tnilai=$tnilai+$dbobot['nilai'];
        }
        $bobot=$tnilai/$jml_a;
        //nilai bobot input
        $b2=mysqli_query($db,"SELECT *
        from kriteria where id_kriteria='$idk'");
        $nbot=mysqli_fetch_assoc($b2);
        $bot=$nbot['bobot'];
        $v=round(($dn['nilai']/sqrt($nilai_kuadr
        at))*$bot);
    }
}

```

```

        $ymax[$c]=$v;
        $c;
$smak=max($ymax);
$min=min($ymax);
    }

    $i++;

}

$nm=mysqli_fetch_assoc($nama1);

        //echo $jarakm." / <br> ";
        //echo $dxmin." + ";
        //echo
$jarakm."<br><br>";

$nilaiPre=$dxmin+$jarakm;

$nilaid=@($jarakm/$nilaiPre);

foreach(@$_SESSION['dplus'] as
$key=>$dxmin){
    #ubah ke nol hasil akhir
    $nilaid=0;
    $nilaiPre=0;
    $nilai=0;

$jarakm=$_SESSION['dmin'][$key];

$nilaid=@($jarakm/$nilaiPre);

        //simpan ke tabel nilai
preferensi
        $nm=$nm['nama'];

$sql2=mysqli_query($db,"INSERT into
nilai_preferensi
VALUES('$nm','$nilaid)");

        //echo "insert into
nilai_preferensi (nm_alternatif,nilai)
values('$nm','$nilaid)";

$nama1=mysqli_query($db,"SELECT *
from alternatif where nip='$id_alt");
}

```

```

//ambil data sesuai dengan
nilai tertinggi
                                <td>".Si."</td>

                                <td>$data3[nama]</td>

                                <td>$data3[nilai]</td>

                                <td>$data3[status]</td>

                                </tr>";

                                $i++;

                                }

                                echo "</tr>";

                                ?>

                                </tbody>

                                </table>

                                </div>

                                </div>

                                </div>

                                </div>

                                </div>

                                </div>

                                </div>

                                <!-- content-wrapper ends -->

                                <!-- partial:../partials/_footer.html
-->

                                <footer class="footer">

                                <div class="d-sm-flex justify-
content-center justify-content-sm-
between">

                                <span class="text-center text-
sm-left d-block d-sm-inline-
block">Copyright © <a

```

```
target="_blank">Aji Kurniawan</a>
2023</span>

    </div>

</footer>

<!-- partial -->

</div>

<!-- main-panel ends -->

</div>

<!-- page-body-wrapper ends -->

</div>

<!-- container-scroller -->

<!-- base:js -->

<script
src="../../assets/vendors/js/vendor.bundle
e.base.js"></script>

<!-- endinject -->

<!-- Plugin js for this page-->

<!-- End plugin js for this page-->

<!-- inject:js -->

<script src="../../assets/js/off-
canvas.js"></script>

<script src="../../assets/js/hoverable-
collapse.js"></script>

<script
src="../../assets/js/template.js"></script>

<script
src="../../assets/js/settings.js"></script>

<script
src="../../assets/js/todolist.js"></script>

<!-- endinject -->

<!-- plugin js for this page -->

<!-- End plugin js for this page -->
```

```
<!-- Custom js for this page-->

<!-- End custom js for this page-->

</body>

</html>
```