Nama = Ashilpa Darrel Bumika

NIM   = 22537141019

Laporan modul 10

Github : https://github.com/DarrelBumika/Pemrograman-Web.git

A. Meteri yang telah dipelajari
   1. Memahami konsep dasar cookie dan session di dalam pemrograman web.
   2. Memahami penggunaan cookie dan session.
   3. Mampu memanfaatkan cookie atau session untuk memproteksi halaman web.
B. Latihan
   1. Latihan Cookie
      a. Set Cookie

```php
<?php

   echo "<h3> Halaman set cookie </h3>";
   echo "<br>";

   $value1 = 'ana';
   $value2 = 'ini ana';

   setcookie("username", $value1);
   setcookie("nama_lengkap", $value2, time()+60);

   echo "<a href='CekCookie.php'> Cek cookie </a>";
   echo "<br>";
   echo "<a href='HapusCookie.php'> Hapus cookie </a>";

?>
```
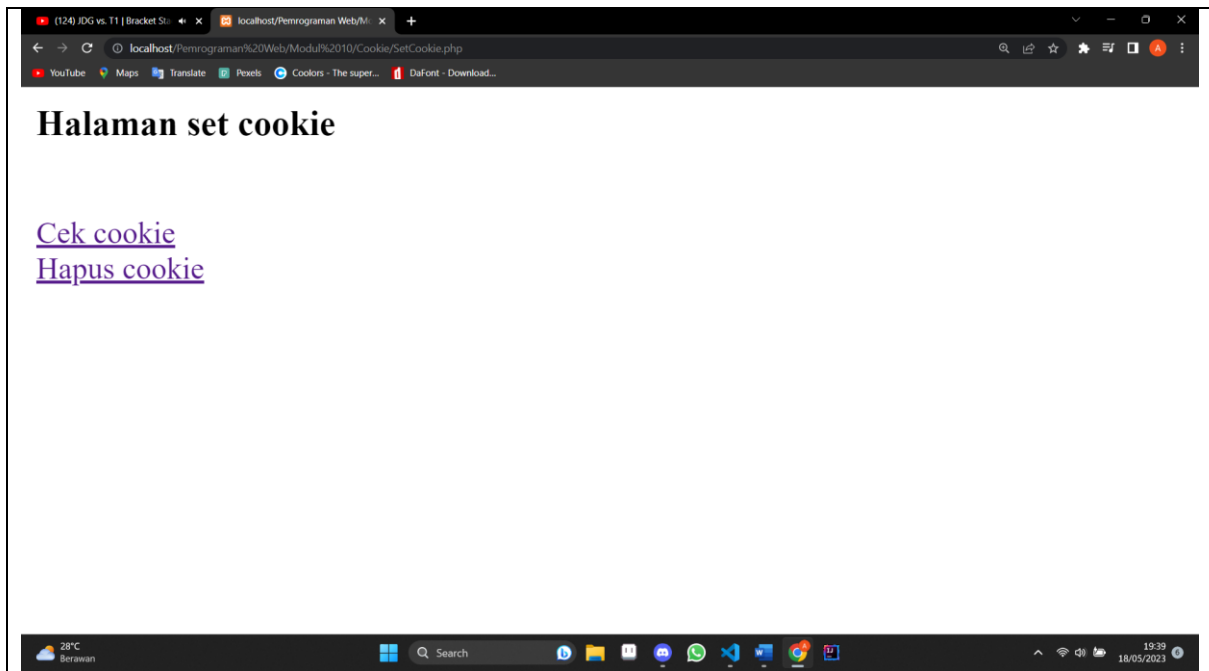
b. Cek Cookie

```php
<?php

    echo "<h3> Halaman cek cookie </h3>";
    echo "<br>";

    if(isset($_COOKIE['username'])) {
        echo "Cookie 'username' ada dangan value: ".$_COOKIE['username'];
    } else {
        echo "Cookie 'username' belum diset atau sudah kadaluarsa";
    }

    echo "<br>";

    if(isset($_COOKIE['nama_lengkap'])) {
        echo "Cookie 'nama_lengkap' ada dangan value:
".$_COOKIE['nama_lengkap'];
    } else {
        echo "Cookie 'nama_lengkap' belum diset atau sudah kadaluarsa";
    }

    echo "<br>";
    echo "<br>";

    echo "<a href='SetCookie.php'> Set cookie </a>";
    echo "<br>";
    echo "<a href='HapusCookie.php'> Hapus cookie </a>";

?>
```
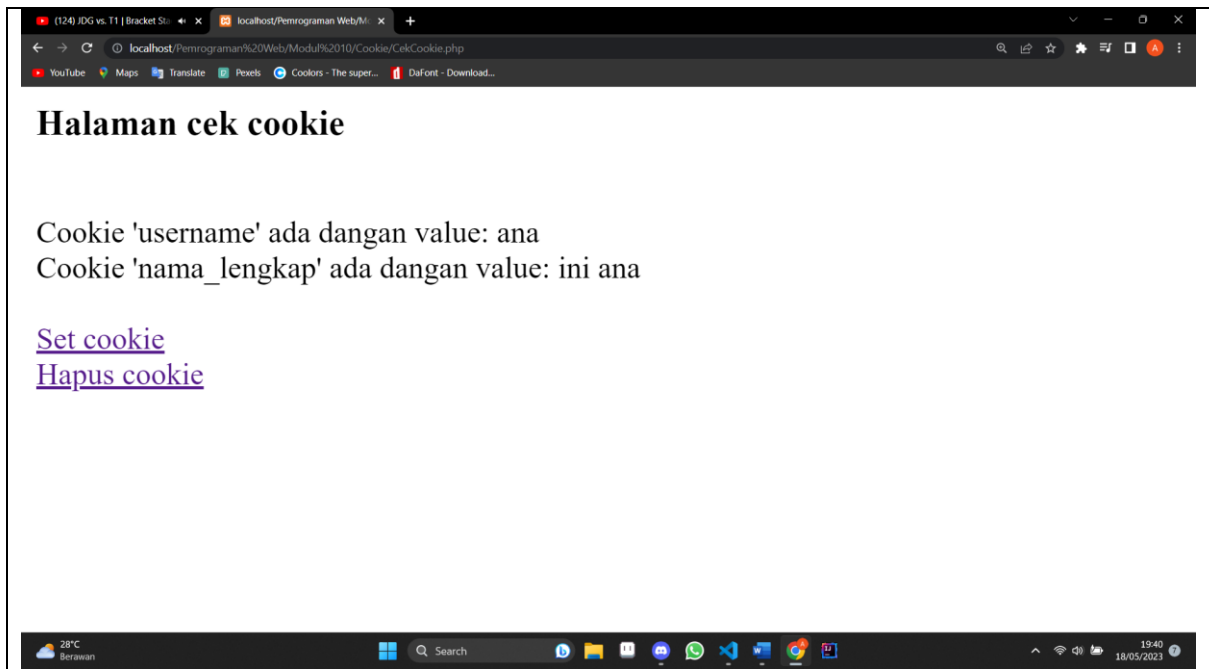
c. Hapus Cookie

```php
<?php

    echo "<h3> Halaman Hapus cookie </h3>";
    echo "<br>";

    setcookie("username", "", time()-60);
    setcookie("nama_lengkap", "", time()-60);

    echo "cookie telah dihapus";

    echo "<br>";
    echo "<br>";

    echo "<a href='SetCookie.php'> Set cookie </a>";
    echo "<br>";
    echo "<a href='CekCookie.php'> Cek cookie </a>";

?>
```
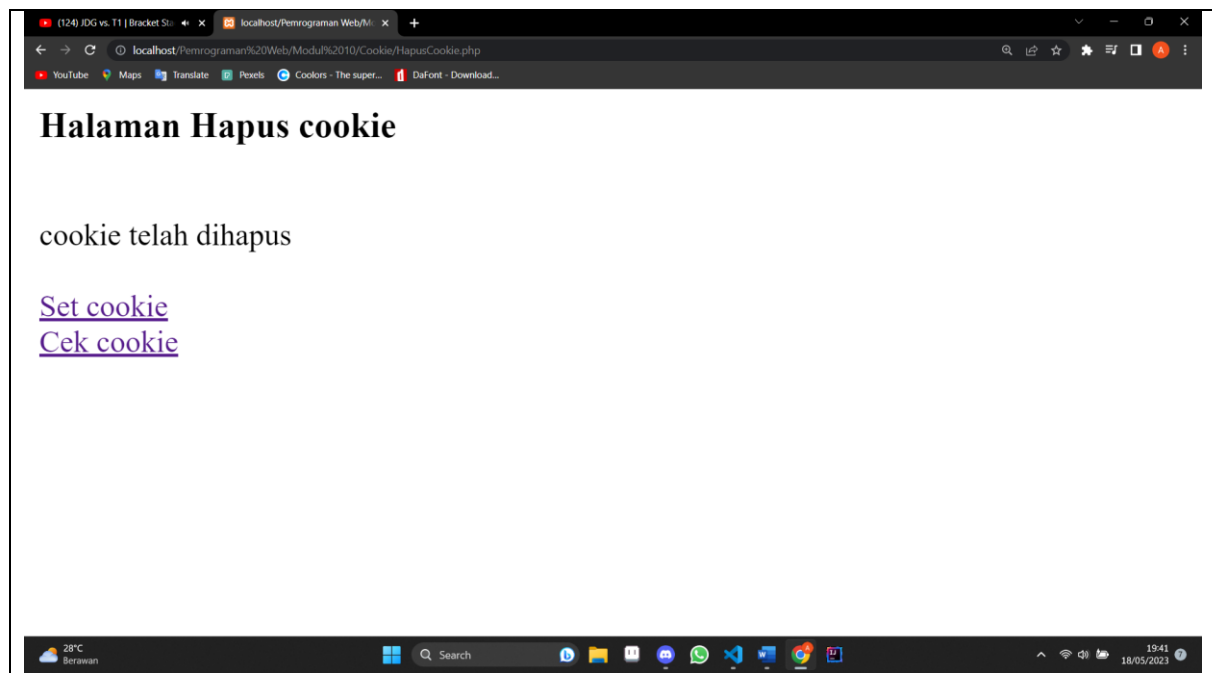
Halaman Hapus cookie

cookie telah dihapus

[Set cookie](#)
[Cek cookie](#)

2. Latihan Session
   a. Set Session

```php
<?php
    session_start();
    if(isset($_GET["login"])) {

        $username = $_GET['username'];
        $password = $_GET['password'];

        if($username == "admin" and $password = "admin") {
            $_SESSION['login'] = $username;

            echo "<h2> Login sukses </h2>";
            echo "<a href='CekSession.php'> Lanjutkan login </a>";
        }
    } else {
?>
        <html>
            <head>
                <title>Login Page</title>
            </head>
            <body>
                <form action="" method="get">
                    <h2>Login</h2>
                    username:
                    <input type="text" name="username"><br>
                    password:
                    <input type="password" name="password"><br>
                    <input type="submit" value="login" name="login">
                </form>
            </body>
        </html>
<?php
    }
?>
```
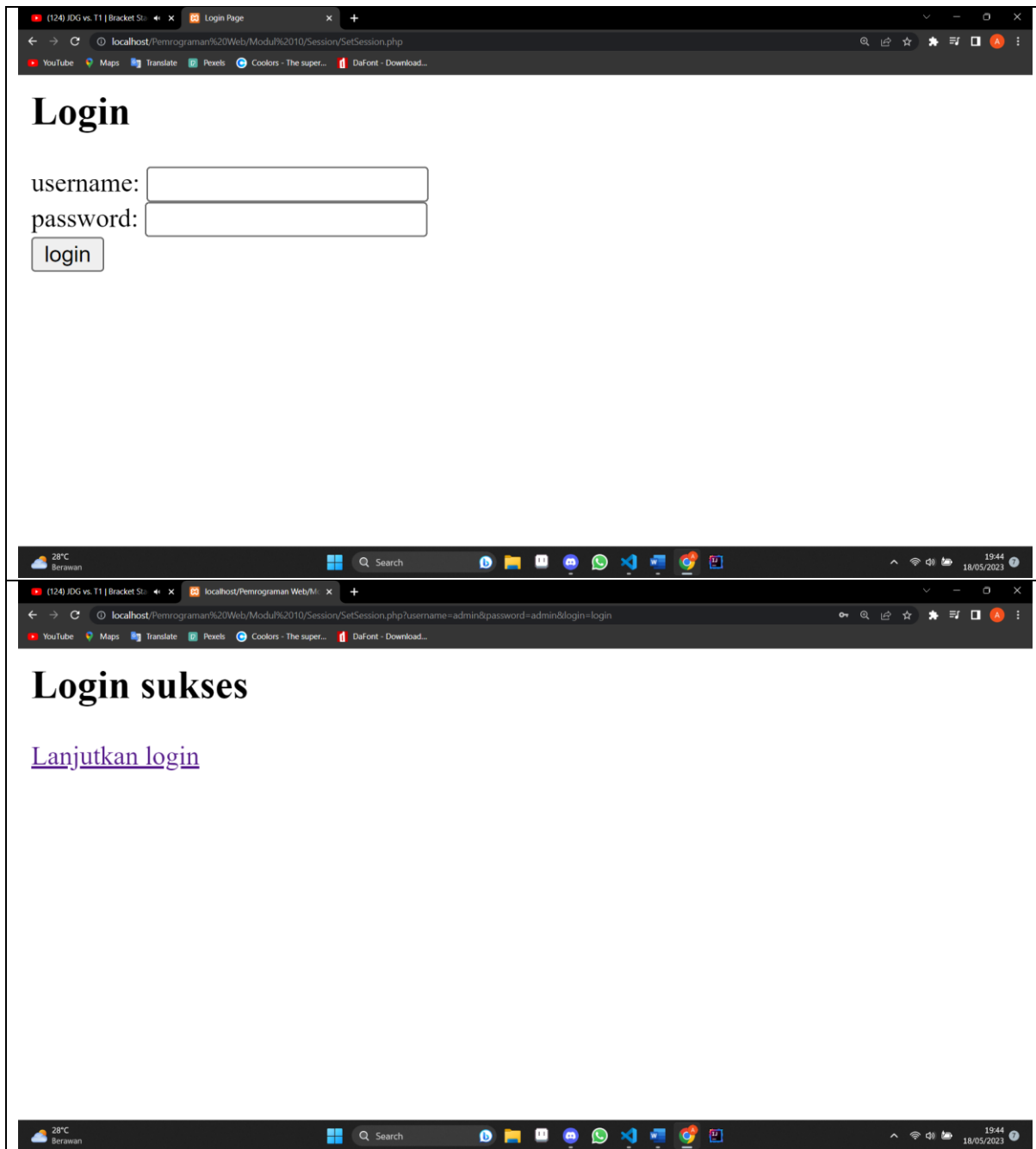
b. Cek Session

```php
<?php
    session_start();

    if(isset($_SESSION['login'])) {
        echo "<h2> HOME </h2>";
        echo "Selamat datang <b>".$_SESSION['login']."</b>";
        echo "<br>";
        echo "Halaman ini dapat diakses saat berhasil login";

        echo "<br>";
        echo "<a href='HapusSession.php'> logout </a>";
```
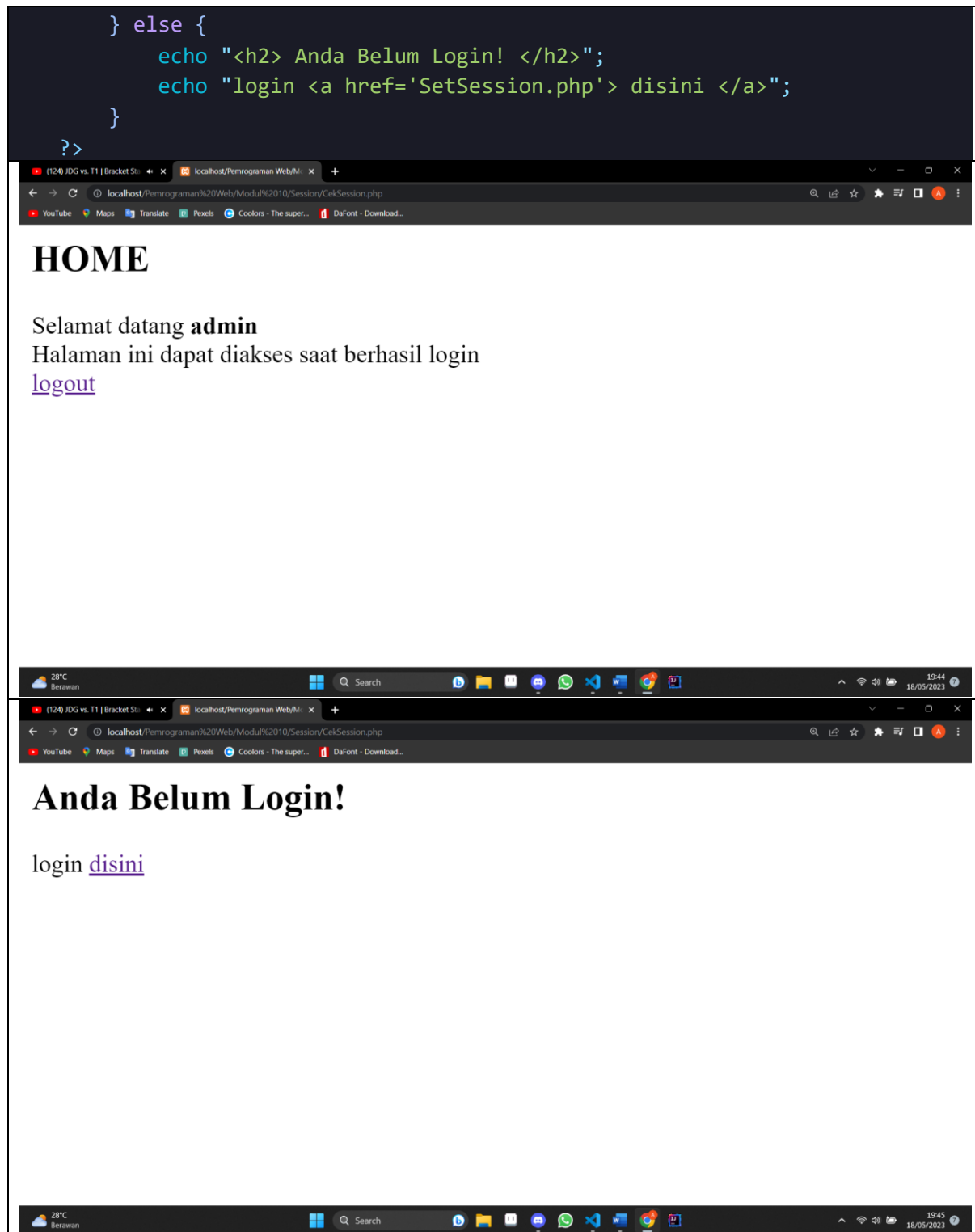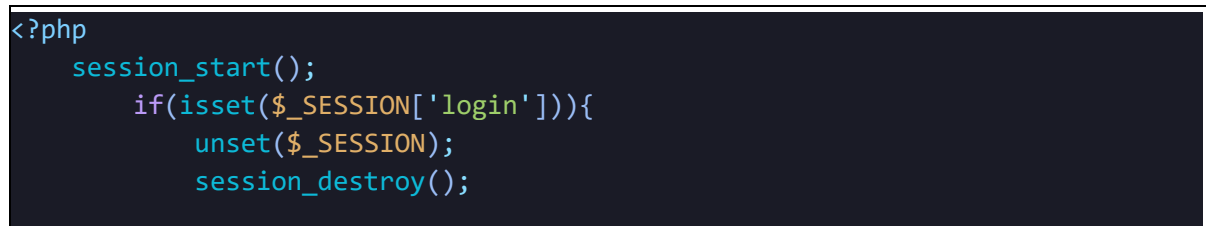
```php
        } else {
            echo "<h2> Anda Belum Login! </h2>";
            echo "login <a href='SetSession.php'> disini </a>";
        }
    ?>
```


HOME

Selamat datang **admin**
Halaman ini dapat diakses saat berhasil login
logout

Anda Belum Login!

login disini

c. Hapus Session

```php
<?php
    session_start();
        if(isset($_SESSION['login'])){
            unset($_SESSION);
            session_destroy();
```

```php
            echo "<h2> Berhasil Logout </h2>";
            echo "<br>";
            echo "Anda tidak bisa mengakses halaman <a href='CekSession.php'>
HOME </a> lagi";
            echo "<br>";
            echo "Harap <a href='SetSession.php'> Login </a> lagi";
        }
?>
```

Berhasil Logout

Anda tidak bisa mengakses halaman HOME lagi
Harap Login lagi

C. Studi kasus
    1. Login page

```html
<!DOCTYPE html>
    <html lang="en">
        <head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-
scale=1.0">

            <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css
" rel="stylesheet"
                integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
            <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.mi
n.js"
                integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

            <title>Studi Kasus</title>

            <style>
                @font-face {
                    font-family: br hendrix;
                    src: url(source/font.ttf);
                }
            </style>
        </head>

<?php
    session_start();
    if(isset($_GET["login"])) {

        $username = $_GET['username'];
        $password = $_GET['password'];

        if($username == "admin" and $password = "admin") {
            $_SESSION['login'] = $username;
?>

        <body class="vh-100 d-flex justify-content-center align-items-center"
style="font-family: br hendrix">
            <div class="text-center" style="font-size: 20px;">
                <p style="color: #1dbf73; font-size: 60px;">Login
Success!</p>
```

```php
            <a href="studikasus-home.php" style="text-decoration: none;
color: #1dbf73;">Continue</a> to Home page
        </div>
    </body>

<?php
    }
} else {
?>

    <body class="vh-100 d-flex justify-content-center align-items-center"
style="font-family: br hendrix">
        <div class="rounded-3 shadow-lg" style="width: 400px; height:
600px">
            <section class="d-flex justify-content-center" style="height:
540px">
                <div style="width: 330px; height: 300px">
                    <div>
                        <div class="text-center" style="height: 120px;
padding-block: 35px">
                            <b style="font-size: 150%;">Sign In To
Fiverr</b>
                        </div>
                        <div>
                            <button class="rounded-2 mb-1 p-1 border-0
text-light fw-bold d-flex w-100" style="background-color: #4267b2; height:
40px;">
                                <img class="p-1 ms-2" src="source/fb.png"
alt="logo faceboook" style="width: 30px; height: 30px">
                                <div class="d-flex align-items-center"
style="width: 280px; height: 30px; margin-left: 30px;">
                                    Continue with Facebook
                                </div>
                            </button>
                            <button class="rounded-2 mt-2 mb-1 p-1 w-100
d-flex" style="background-color: white; border:1px solid #e4e5e7; height:
40px;">
                                <img class="p-1 ms-2"
src="source/google.png" alt="logo google" style="width: 30px; height: 30px">
                                <div class="d-flex align-items-center"
style="width: 280px; height: 30px; margin-left: 42px;">
                                    Continue with Google
                                </div>
                            </button>
                            <button class="rounded-2 mt-2 mb-1 p-1 w-100
d-flex" style="background-color: white; border:1px solid #e4e5e7; height:
40px;">
```

```html
                            <img class="p-1 ms-2"
src="source/apple.png" alt="logo google" style="width: 30px; height: 30px">
                                <div class="d-flex align-items-center"
style="width: 280px; height: 30px; margin-left: 47px;">
                                    Continue with Apple
                                </div>
                            </button>
                        </div>
                        <div class="d-flex mt-2">
                            <hr style="width: 155px; opacity: 10%;">
                            <p class="text-center pt-1" style="width:
40px;">OR</p>

                            <hr style="width: 155px; opacity: 10%;">
                        </div>


                        <form action="" method="get">

                            <div>
                                <input class="w-100 mb-1 p-3 rounded-2"
type="text" name="username" placeholder="Username" style="height: 40px;
border: 1px solid #e4e5e7;">
                            </div>

                            <div>
                                <input class="w-100 mb-1 mt-2 p-3 rounded-2"
type="password" name="password" placeholder="Password" style="height: 40px;
border: 1px solid #e4e5e7;">
                            </div>

                            <input class="w-100 mb-1 mt-2 text-light rounded-
2" type="submit" value="Continue" name="login" style="height: 40px;
background-color: #1dbf73; border: none">

                            <div class="text-center">
                            </div>
                            <div class="d-flex justify-content-between my-2">
                                <div>
                                    <input type="checkbox" name="rememberme"
id="rememberme">

                                        Remember Me
                                    </input>
                                </div>
                                <div>
                                    <a
href="https://www.fiverr.com/ashilpadarrel" class="text-decoration-none"
style="color: #1dbf73;">
                                        Forgot Password?
```

```html
                    </a>
                </div>
            </div>

        </form>

    </div>
</section>
<footer style="height: 60px">
    <hr class="w-100 my-2">
    <div class="d-flex justify-content-center">
        <p style="margin-right: 5px">Not a member yet?</p>
        <a href="https://www.fiverr.com/join" class="text-decoration-none" style="color: #1dbf73;">
            Join now
        </a>
    </div>
</footer>
        </div>
    </body>
<?php
    }
?>

</html>
```
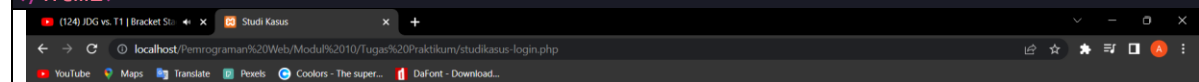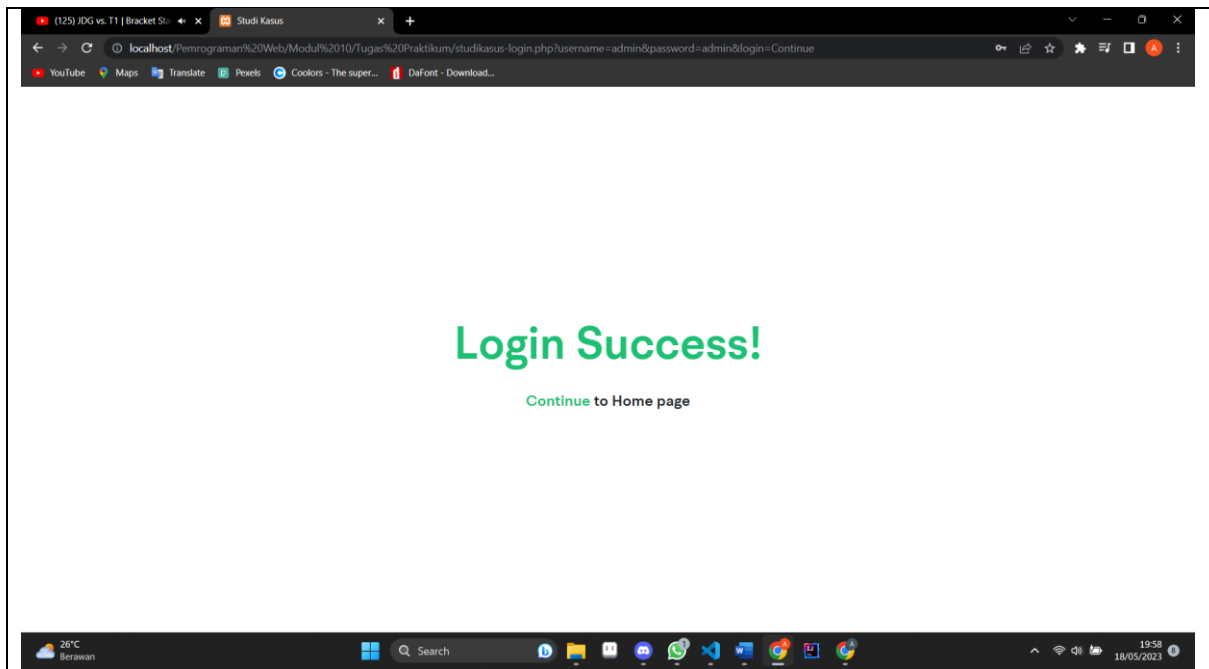
2. Home page

```html
<!DOCTYPE html>
    <html lang="en" class="h-100">
        <head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-scale=1.0">

            <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css" rel="stylesheet"
                integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">
            <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"
                integrity="sha384-MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM" crossorigin="anonymous"></script>

            <title>Studi Kasus</title>

            <style>
                @font-face {
                    font-family: br hendrix;
                    src: url(source/font.ttf);
                }
            </style>
```

```php
        </head>

    <?php
        session_start();

        if(isset($_SESSION['login'])) {
    ?>
            <body class="h-100 d-flex text-center" style="font-family: br
hendrix">
                <div class="cover-container d-flex h-100 w-100 mx-auto flex-
column">
                    <header class="mb-auto">
                        <div class="d-flex justify-content-center">
                            <h4 class="mt-3">Home Page</h4>
                        </div>
                    </header>
                    <main>
                        <div class="d-flex justify-content-center">
                            <div class="text-start" style="width: 600px;
height: 300px;">
                                <p style="font-size: 50px; color:
#1dbf73;">Welcome!</p>
                                <p style="font-size: x-large;">
                                    Hanya username dan password yang sesuai
saja yang dapat mengakses halaman ini.
                                    Setelah logout, halaman ini <i
style="color: #1dbf73;"> tidak akan bisa diakses lagi. </i>
                                </p>
                                <p class="mt-5">
                                    Created by <a
href="https://www.fiverr.com/ashilpadarrel" style="text-decoration: none;
color: #1dbf73;">Ashilpa Darrel</a>
                                </p>
                            </div>
                        </div>
                    </main>
                    <footer class="mt-auto">
                        <div class="mb-3">
                            <a href="studikasus-logout.php" style="text-
decoration: none; color: #1dbf73; font-size: 20px;">Logout</a>
                        </div>
                    </footer>
                </div>
            </body>

    <?php
        } else {
    ?>
```
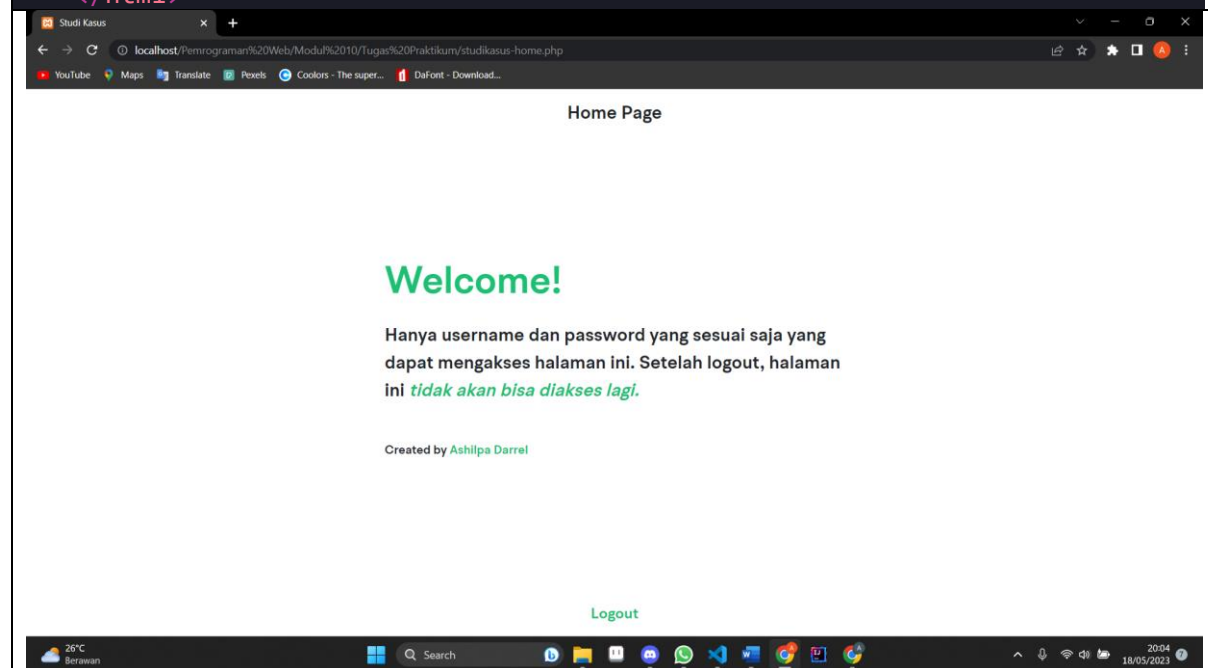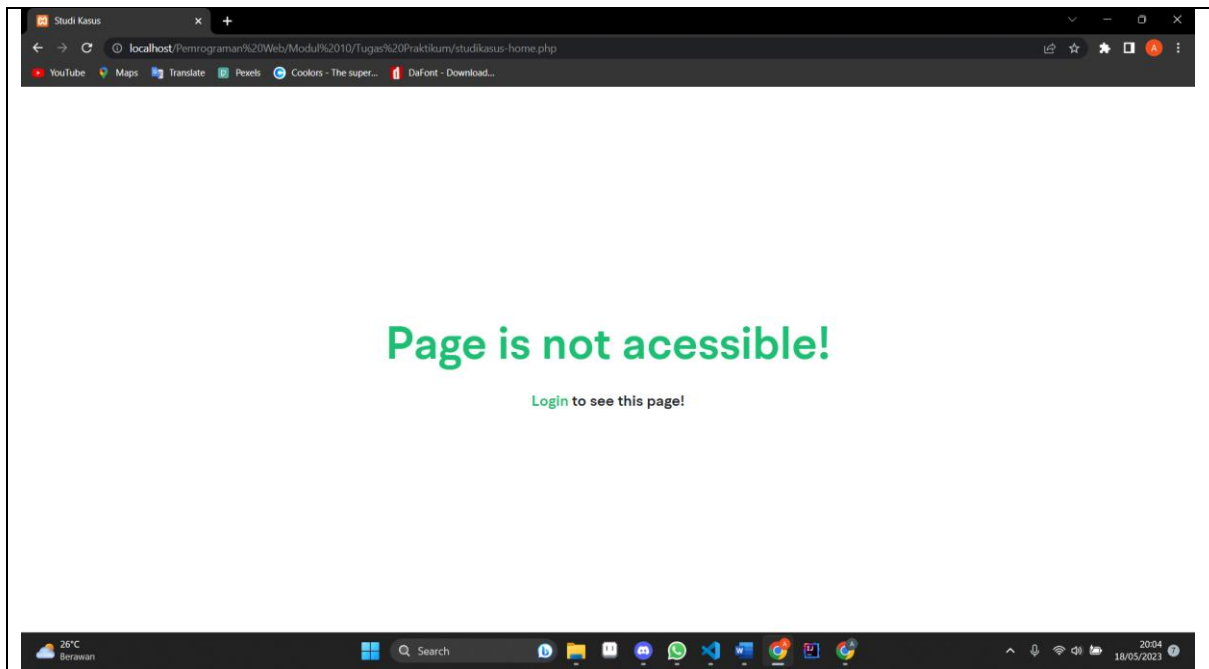
```html
            <body class="vh-100 d-flex justify-content-center align-items-
center" style="font-family: br hendrix">
                <div class="text-center" style="font-size: 20px;">
                    <p style="color: #1dbf73; font-size: 60px;">Page is not
acessible!</p>
                    <a href="studikasus-login.php" style="text-decoration:
none; color: #1dbf73;">Login</a> to see this page!
                </div>
            </body>

    <?php
        }
    ?>

    </html>
```


Home Page

Welcome!

Hanya username dan password yang sesuai saja yang
dapat mengakses halaman ini. Setelah logout, halaman
ini *tidak akan bisa diakses lagi.*

Created by Ashilpa Darrel

Logout

3. Home page

```html
<!DOCTYPE html>
    <html lang="en" class="h-100">
        <head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-
scale=1.0">

            <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css
" rel="stylesheet"
                integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
            <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.mi
n.js"
                integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7MsXsP1UyJoMp4YLEuNSfAP+JcXn/tWtIaxVXM"
crossorigin="anonymous"></script>

            <title>Studi Kasus</title>

            <style>
                @font-face {
                    font-family: br hendrix;
                    src: url(font.ttf);
                }
            </style>
```
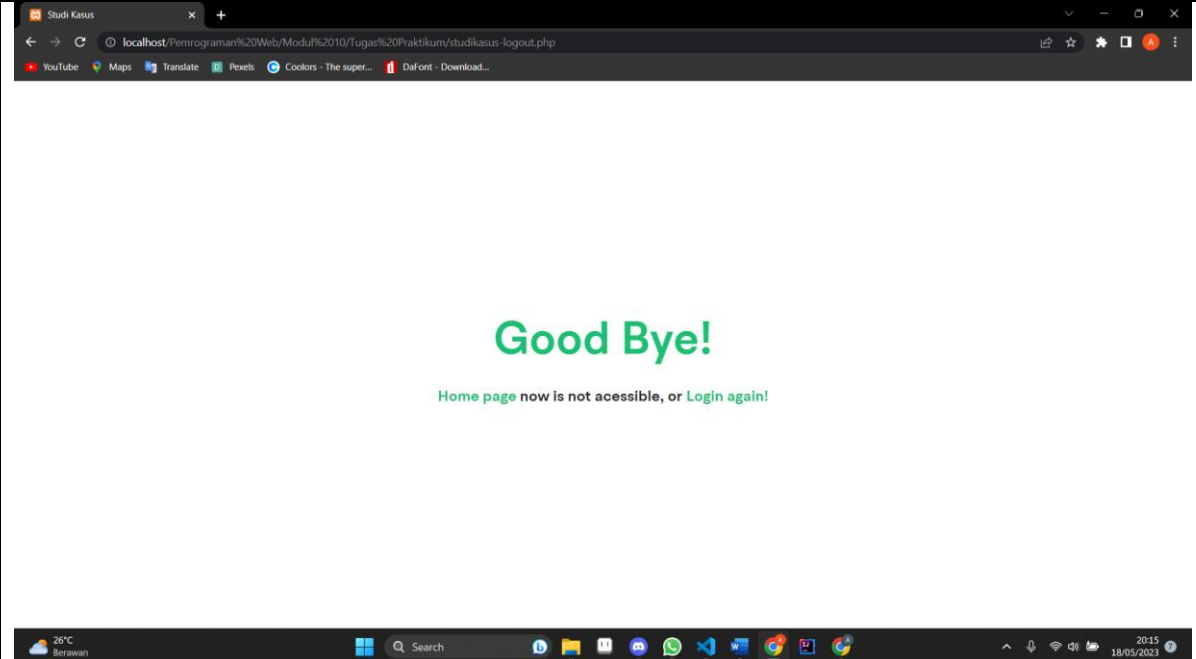
```php
        </head>

<?php
    session_start();
        if(isset($_SESSION['login'])){
            unset($_SESSION);
            session_destroy();
?>

        <body class="vh-100 d-flex justify-content-center align-items-center"
style="font-family: br hendrix">
            <div class="text-center justify-content-center" style="font-size:
20px;">
                <p style="color: #1dbf73; font-size: 60px;">Good Bye!</p>
                <div>
                    <a href="studikasus-home.php" style="text-decoration:
none; color: #1dbf73;">Home page</a> now is not acessible, or
                    <a href="studikasus-login.php" style="text-decoration:
none; color: #1dbf73;">Login again!</a>
                </div>
            </div>
        </body>

<?php
        }
?>
```


4. Kelebihan session adalah dapat menyimpan data input dari user untuk digunakan antar file php.