1. Index.php

```php
<!DOCTYPE html>

<html>
<head>

    <title>LOGIN</title>

    <link rel="stylesheet" type="text/css" href="style.css">

</head>
<body>

    <form action="login.php" method="post">

        <h2>LOGIN</h2>

        <?php if (isset($_GET['error'])) { ?>

            <p class="error"><?php echo $_GET['error']; ?></p>

        <?php } ?>

        <label>User Name</label>

        <input type="text" name="uname" placeholder="User Name"><br>

        <label>Password</label>

        <input type="password" name="password" placeholder="Password"><br>

        <button type="submit">Login</button>

    </form>

</body>
</html>
```

2. login.php

```php
<?php

session_start();

include "connect.php";

if (isset($_POST['uname']) && isset($_POST['password'])) {

    function validate($data){

        $data = trim($data);

        $data = stripslashes($data);

        $data = htmlspecialchars($data);

        return $data;

    }

    $uname = validate($_POST['uname']);

    $pass = validate($_POST['password']);

    if (empty($uname)) {

        header("Location: index.php?error=User Name is required");

        exit();

    }else if(empty($pass)){

        header("Location: index.php?error=Password is required");

        exit();
```

```php
36
37      }else{
38
39          $sql = "SELECT * FROM users WHERE user_name='$uname' AND password='$pass'";
40
41          $result = mysqli_query($conn, $sql);
42
43          if (mysqli_num_rows($result) === 1) {
44
45              $row = mysqli_fetch_assoc($result);
46
47              if ($row['user_name'] === $uname && $row['password'] === $pass) {
48
49                  echo "Logged in!";
50
51                  $_SESSION['user_name'] = $row['user_name'];
52
53                  $_SESSION['name'] = $row['name'];
54
55                  $_SESSION['id'] = $row['id'];
56
57                  header("Location: home.php");
58
59                  exit();
60
61              }else{
62
63                  header("Location: index.php?error=Incorect User name or password");
64
65                  exit();
66
67              }
68
69          }else{
70
71              header("Location: index.php?error=Incorect User name or password");
72
73              exit();
74
75          }
76
77      }
78
79  }else{
80
81      header("Location: index.php");
82
83      exit();
84
85  }
```

3.Home.php

```php
1    <?php
2
3    session_start();
4
5    if (isset($_SESSION['id']) && isset($_SESSION['user_name'])) {
6
7    ?>
8
9    <!DOCTYPE html>
10
11   <html>
12
13   <head>
14
15       <title>HOME</title>
16
17       <link rel="stylesheet" type="text/css" href="style.css">
18
19   </head>
20
21   <body>
22
23       <h1>Hello, <?php echo $_SESSION['name']; ?></h1>
24
25       <a href="logout.php">Logout</a>
26
27   </body>
28
29   </html>
30
31   <?php
32
33   }else{
34
35       header("Location: index.php");
36
37       exit();
38
39   }
40
41   ?>
42
```

4. Logout.php

```php
<?php

    session_start();
    session_unset();
    session_destroy();

header("Location: index.php");
```

5.connect.php

```php
<?php
    $sname= "localhost";
    $uname= "root";
    $password = "";
    $db_name = "test";

$conn = mysqli_connect($sname, $uname, $password, $db_name);

if (!$conn) {

    echo "Connection failed!";
}
```

6. Buat sambungan ke pangkalan data.

-bina pangkalan data dengan nama test

-masukkan cnth username dan password.

7.Boleh run sistem, taip :localhost/demo

Cuba login sistem dengan username dan password yg telah dimasukkan dlm database