```php
<?php
session_start();

error_reporting(E_ALL);
ini_set('display_errors','On');
if(isset($_POST['login']))
{
  try {
  $dbh = new PDO("mysql:host=127.0.0.1:3306;dbname=cheapbooks","root","",array(PDO::
  ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION));
  $username = trim($_POST['username']);
  $password = trim($_POST['password']);
  $hash= md5($password);
  $stmt = $dbh->prepare("SELECT * FROM customers WHERE username=:username and
  password=:password");
  $stmt -> execute(array(':username'=>$username, ':password'=>$hash));

          if($stmt->rowCount() > 0)
          {//set this variable only on successful login
                $_SESSION['user_session'] = $username;
                //echo $_SESSION['user_session'];
                header('HTTP/1.1 200 OK');
                header("Location: home.php");
                exit();

          }
          else
          {
             $error = "not valid user";
             echo $error;
          }

}
catch (PDOException $e) {
  print "Error!: " . $e->getMessage() . "<br/>";
  die();
}

}

?>
<!DOCTYPE html>
<html>
<head>
<title>Login Form</title>
<link rel="stylesheet" href="style.css">
</head>
<body>
<h2>Login Form</h2>
<form action="customer.php" method="post">
<label>UserName :</label>
<input id="name" name="username" type="text">
<label>Password :</label>
<input id="password" name="password" type="password">
<button type="submit" name="login"> Login</button>
<label> New users must register here </label>
<button type="button" name="register" onclick ="location.href='register.php';" /> Register
</button>
</form>
</body>
</html>
```