Displaying Records from our database

Dbconnect.php

```php
<?php
$servername = "localhost";
$user = "root" ;
$password = "" ;
$DATABASE_NAME = "campus" ;

//create connection
$con = new mysqli( $servername, $user, $password, $DATABASE_NAME) ;

//check if connection is working
if ($con -> connect_error ){
    echo mysql_fatal_error();
}
else{
    echo "connection successful" ;
}
function mysql_fatal_error(){

    echo <<< _END
    We are sorry it was impossible to complete the requested task. The error we got was :
    <p>Fatal Error</p>.
    Please click the back button on your browser and try again. incase you still have problems,please <a
href="mailto:rennishm@gmail.com"> email our administrator.</a>
    Thank you
    _END;
}
?>
```

Data_display.php

```php
<?php
require_once 'dbconnect.php' ;
$query = "select * from staff" ;
$result = $con->query($query);

if(!$result)
    echo mysql_fatal_error();
```

```php
$rows = $result->num_rows;
echo "<table border=2 >
    <th>First Name</th>
    <th>Last Name</th>
    <th>Gender</th>
    <th>Address</th>
    ";

//this code fetches a single item at a time
for($j=0; $j<=$rows-1; ++$j){
    $result->data_seek($j);

    //the value firstname is a field in my table. Replace it with the correct field on your table
    echo '<tr><td>'.htmlspecialchars($result->fetch_assoc()['firstname']).'</td>' ;
    $result->data_seek($j);
    //the value lastname is a field in my table. Replace it with the correct field on your table.
    echo '<td>'.htmlspecialchars($result->fetch_assoc()['lastname']).'</td>' ;
    $result->data_seek($j);
    //the value gender is a field in my table. Replace it with the correct field on your table.
    echo '<td>'.htmlspecialchars($result->fetch_assoc()['gender']).'</td>' ;
    $result->data_seek($j);
    //the value address is a field in my table. Replace it with the correct field on your table.
    echo '<td>'.htmlspecialchars($result->fetch_assoc()['address']).'</td></tr>' ;
}

echo "</table>";
$result->close();
$con->close();
?>
```

Fetchrow.php

```php
<?php
require_once 'dbconnect.php' ;
$query = "select * from staff" ;
$result = $con->query($query);


if(!$result)
    echo mysql_fatal_error();
$rows = $result->num_rows;
```

```php
echo "<table border=2 >
  <th>First Name</th>
  <th>Last Name</th>
  <th>Gender</th>
  <th>Address</th>
  ";

//this code fetches a single row at a time
for($j=0; $j<=$rows-1; ++$j){

  $row = $result->fetch_array(MYSQLI_ASSOC);

  //the value firstname is a field in my table. Replace it with the correct field on your table
  echo '<tr><td>'.htmlspecialchars($row['firstname']).'</td>' ;
  //the value lastname is a field in my table. Replace it with the correct field on your table.
  echo '<td>'.htmlspecialchars($row['lastname']).'</td>' ;
  //the value gender is a field in my table. Replace it with the correct field on your table.
  echo '<td>'.htmlspecialchars($row['gender']).'</td>' ;
  //the value address is a field in my table. Replace it with the correct field on your table.
  echo '<td>'.htmlspecialchars($row['address']).'</td></tr>' ;
}
echo "</table>";
$result->close();
$con->close();
?>
```

Insertdisplay.html

```html
<hmtl>
  <body>
    <form action="insertdeleteselect.php" method="post" >

        Author : <input type="text" name="author" >
        Title : <input type="text" name="title" >
        Category : <input type="text" name="category" >
        Year : <input type="text" name="year" >
        isbn : <input type="text" name="isbn" >
        <button type="submit" > RECORD </button>
    </form>
  </body>
</hmtl>
```

Insertdisplay.php

```php
<?php
//this program will demonstrate how to use insert and select in php.

require_once 'dbconnect.php';
$author = $_REQUEST['author'];
$title = $_REQUEST['title'];
$category = $_REQUEST['category'];
$year = $_REQUEST['year'] ;
$isbn = $_REQUEST['isbn'] ;


if(isset($author) && isset($title) && isset($category) && isset($year) && isset($isbn)) {
    $query = "insert into classics values('$author', '$title', '$category','$year','$isbn')";
    if($con -> query($query) === true) {
        echo " records inserted" ;
    }else {
        echo "insert failed";
    }
}
$query = "select * from classics" ;
$result = $con->query($query);
if(!$result){
    echo die("database access failed") ;
}
$rows = $result->num_rows ;
echo "<table border=2 >
        <th>Author</th>
        <th>Title</th>
        <th>Category</th>
        <th>Year</th>
        <th>ISBN</th>

    ";
for($j=0; $j<$rows-1; $j++){
    $row = $result->fetch_array(MYSQLI_ASSOC) ;
    echo "<tr>
        <td>". htmlspecialchars($row['author']).
        "</td>";
    echo "<td> ". htmlspecialchars($row['title']).
```

```php
        "</td>";
    echo "<td>
        ". htmlspecialchars($row['category']).
        "</td>";
    echo "<td>
        ". htmlspecialchars($row['year']).
        "</td>";
    echo "<td>
        ". htmlspecialchars($row['isbn']).
        "</td>  </tr>";
}
echo "</table" ;
$result->close();
$con->close();
?>
```