

```
<?php
$link = mysqli_connect("localhost", "username", "password", "optionalDB")
or die("Could not connect: " . mysqli_error());
print ("Connected successfully");
?>
```

Put the database in here.

This is the password information - notice I assigned it to \$link and then I am using \$link in the program below.

Create this file leaving localhost and substituting your username and password. Then the optionDB should be one of your databases that has tables. When I saved this I named it linkpass.php

```
<html>
<head><title>Testing connection</title></head>
<body>
<h1>Testing connection</h1>
<?php
include "linkpass.php";
mysqli_select_db($link, "invfirst");
$result = mysqli_query($link, "SELECT * from itemfirst")
or die("<br>Invalid query: " . mysqli_error($link));
echo "<br>linked to database";
?>
</body>
</html>
```

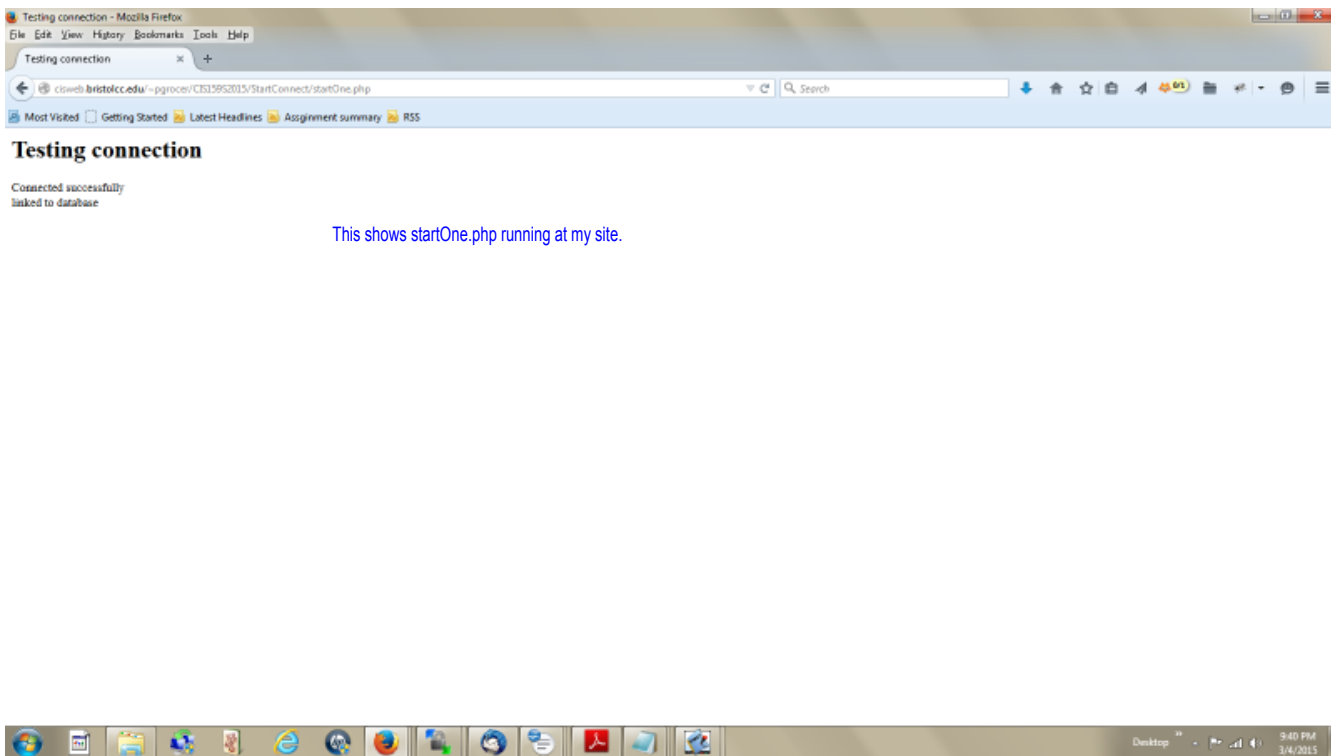
This is the program that I run - you are telling it to include linkpass.php so that will take care of allowing you to run and access the database.

This is my database - put your database in here.

This is my table - put a table from your database in here.

When this runs it hopefully should say Connected successfully and linked to database.

Output:
Testing connection
Connected successfully
linked to database

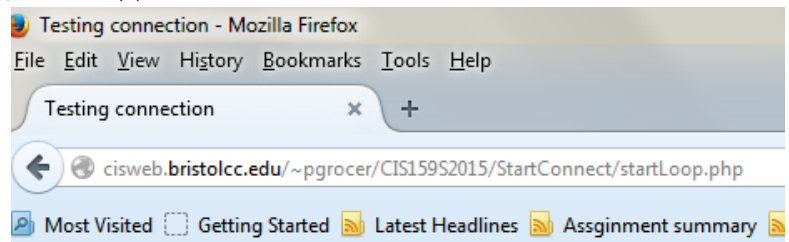


```

<html>
<head><title>Testing connection</title></head>
<body>
<h1>Testing connection</h1>
<?php
include "linkpass.php";
mysqli_select_db($link,"invfirst");
$result = mysqli_query($link,"SELECT itemno from itemfirst")
or die("<br>Invalid query: " . mysqli_error($link));
while ( $row = mysqli_fetch_row($result))
{
echo ("<p>" . $row[0] . "</p>");
}
?>
</body>
</html>

```

I am selecting a field from the table.
I am assigning the data I select to \$result. The rest
deals with the error if the query was invalid.



The while loop says \$row is the current row that was extracted from \$result.
Inside the loop, I show \$row[0] which shows the first field.
There are three records and so I show the first field or itemno from each.

Testing connection

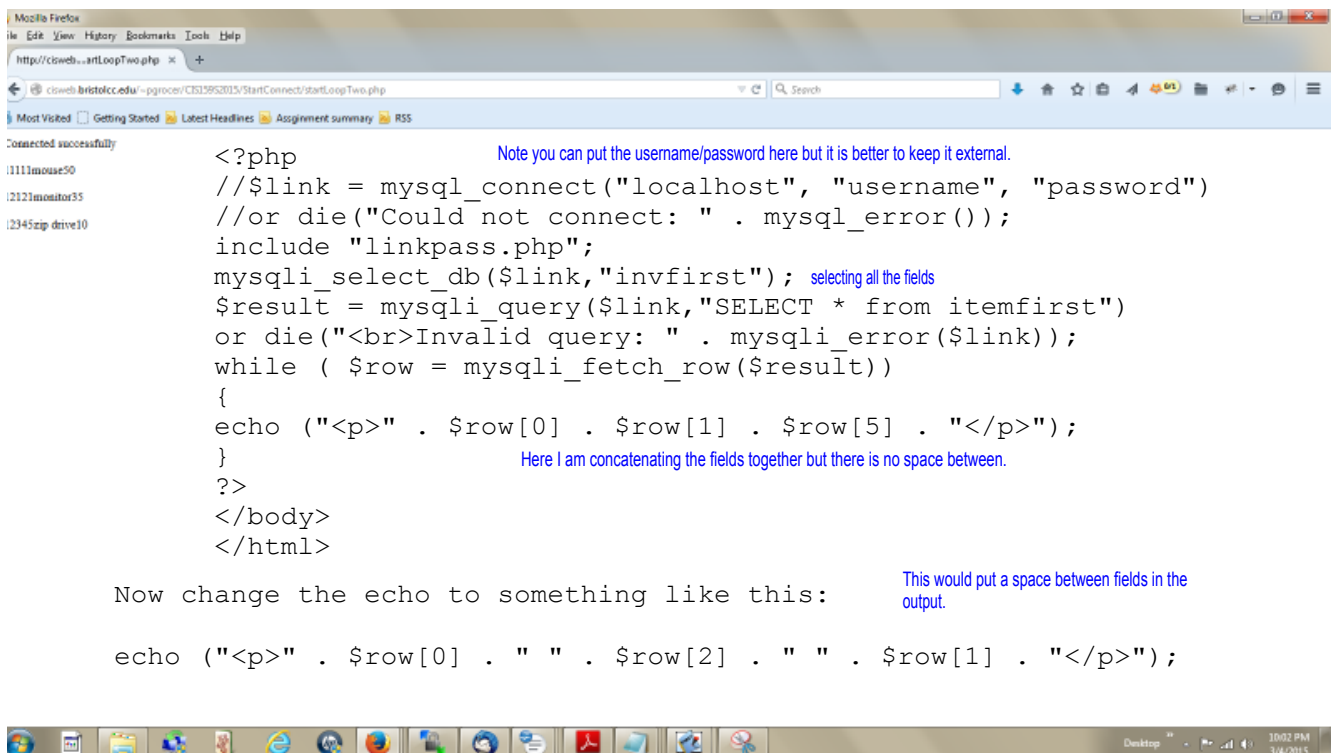
Connected successfully

11111

12121

12345

```
<html>
<head><title>Testing connection</title></head>
<body>
<h1>Testing connection</h1>
<?php
include "linkpass.php"; Your database
mysqli_select_db($link,"invfirst"); The select should be for a field from the table in your database.
$result = mysqli_query($link,"SELECT itemno from itemfirst")
or die("<br>Invalid query: " . mysqli_error($link));
while ( $row = mysqli_fetch_row($result))
{
echo ("<p>" . $row[0] . "</p>"); Concatenate the html <p> with \$row\[0\] which means the first field on each record in \$result. Then concatenate with </p>.
}
?>
</body>
</html>
```



Connected successfully

```

<?php
//$link = mysql_connect("localhost", "username", "password")
//or die("Could not connect: " . mysql_error());
include "linkpass.php";
mysqli_select_db($link,"invfirst"); selecting all the fields
$result = mysqli_query($link,"SELECT * from itemfirst")
or die("<br>Invalid query: " . mysqli_error($link));
while ( $row = mysqli_fetch_row($result) )
{
echo ("<p>" . $row[0] . $row[1] . $row[5] . "</p>");
}
?>
</body>
</html>

```

Note you can put the username/password here but it is better to keep it external.

Here I am concatenating the fields together but there is no space between.

Now change the echo to something like this: This would put a space between fields in the output.

```

echo ("<p>" . $row[0] . " " . $row[2] . " " . $row[1] . "</p>");

```

Desktop 10:02 PM 3/4/2015