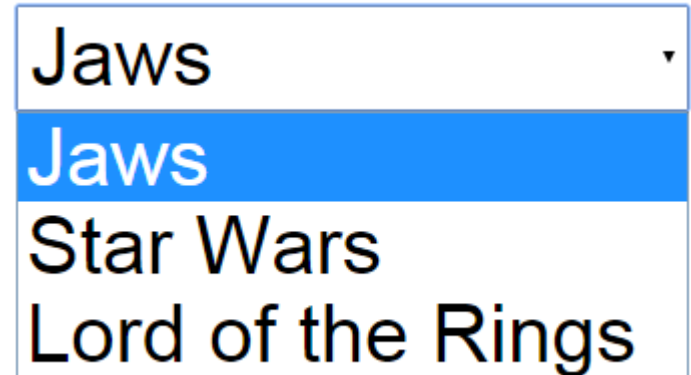


This is a **<SELECT>** box:



Jaws ▾
Jaws
Star Wars
Lord of the Rings

This is the code that created it:

```
<!DOCTYPE html>  
<html><body>  
  
  <SELECT name='movie'>  
    <OPTION value=1>Jaws</OPTION>  
    <OPTION value=2>Star Wars</OPTION>  
    <OPTION value=3>Lord of the Rings</OPTION>  
  </SELECT>  
</body></html>
```

Our goal is to generate a select box from data in a table:

movieid	title	year	genre
1	Jaws	1975	Drama
2	Star Wars	1977	Science Fiction
3	Lord of the Rings	2001	Fantasy

In order to do so, we need to utilize several important skills:

1. The **php echo** command
2. Concatenation
3. An SQL query

THE ECHO COMMAND

php can generate text via *echo* or *print*:

```
echo '<h1>Hello</h1>';
```

Your browser doesn't know (and doesn't care!) if you *typed* the HTML, or php *generated* the HTML. The result is the same!

CONCATENATION

Concatenation is the process of attaching additional *literal* text, or text from a variable, to an existing string:

```
$name = 'Bob';  
echo 'Hello ' . $name ;
```

The **MAIN IDEA** is to:

1. Perform a query on a data table that pulls information you want to be in your <SELECT> box

```
$sql = "Select * from movies";  
$results = mysql_query($sql);
```

2. Set up a **WHILE** loop that pulls out one row at a time as long as data is available

```
while($row=mysql_fetch_assoc($results){  
  
}
```

1. Print (echo) out a series of <OPTION> strings that make up the body of the <SELECT> box (or add to a variable that you will print out at the end of the loop)

1

```
$selectStr = "<SELECT name='movie'>\n";
```

2

```
$sql = "Select * from movies";
```

3

```
$results = mysql_query($sql );
```

4

```
while($row=mysql_fetch_assoc($results ){  
    $selectStr .= "<OPTION value=" . $row['movieid'] . ">" .  
    $row['title'] . "</OPTION>\n";  
}
```

5

```
$selectStr .= "</SELECT>";
```

6

```
echo $selectStr;
```

How could we change the code so that the value of each selection is the title (instead of the movie id)?

```
<!DOCTYPE html>
<html><body>

<SELECT name='movie'>
  <OPTION value=1>Jaws</OPTION>
  <OPTION value=2>Star Wars</OPTION>
  <OPTION value=3>Lord of the Rings</OPTION>
</SELECT>
</body></html>
```

```
$selectStr = "<SELECT name='movie'>\n";
```

```
$sql = "Select * from movies";
```

```
$results = mysql_query($sql );
```

```
while($row=mysql_fetch_assoc($results ){
```

```
    $selectStr .= "<OPTION value="" . $row['movieid'] . "">" . $row['title'] . "</OPTION>\n";
```

```
    }
```

```
$selectStr .= "</SELECT>";
```

```
echo $selectStr;
```

```
$selectStr = "<SELECT name='movie'>\n";
```

```
$sql = "Select * from movies";
```

```
$results = mysql_query($sql);
```

```
while($row=mysql_fetch_assoc($results ){
```

```
    $selectStr .= "<OPTION value=" . $row['movieid'] . ">" . $row['title'] . "</OPTION>\n";
```

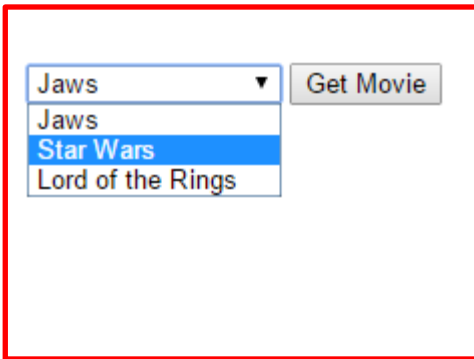
```
    }
```

```
$selectStr .= "</SELECT>";
```

```
echo $selectStr;
```

Did you notice these "extra" quotes?

- 1. How could we add a SUBMIT button?**
- 2. What would you have to do to make it functional?**
- 3. What are some ways you learned to troubleshoot?**



A screenshot of a web form. It features a dropdown menu with the text "Jaws" selected and a small downward arrow. The dropdown menu is open, showing three options: "Jaws", "Star Wars", and "Lord of the Rings". The "Star Wars" option is highlighted in blue. To the right of the dropdown menu is a button labeled "Get Movie". The entire form is enclosed in a red rectangular border.

```
<!DOCTYPE html>
<html><body>

<form action='getMovie.php' method='get'>
<SELECT name='movie'>
    <OPTION value=1>Jaws</OPTION>
    <OPTION value=2>Star Wars</OPTION>
    <OPTION value=3>Lord of the Rings</OPTION>
</SELECT>
<input type="submit" value="Get Movie">
</form>
</body></html>
```