

# Hints for Lab4-C

- See the lecture slides for Week 4 (slides #57, #58, #59, and #51&#61).
- **Slide #58** shows how to set up a selection of options for languages (php, C++, java, ....). This can help you to set up a selection of options for make (All, Martin, ...) for Lab4-C.
- **Slides #51&#61** show how to construct a SQL query string: to use " " and ' ' carefully

```
$DBConnect = @mysqli_connect("feenix-mariadb.swin.edu.au", "yourusername", "yourpassword", "your_db")
```

```
Or die ("<p>Unable to connect to the database server.</p>". "<p>Error code ". mysqli_connect_errno().": ". mysqli_connect_error()). "</p>";
```

```
$SQLstring = "select distinct make from inventory";
```

```
$queryResult = @mysqli_query($DBConnect, $SQLstring)
```

```
Or die ("<p>Unable to query the inventory table.</p>". "<p>Error code ". mysqli_errno($DBConnect). ": ".mysqli_error($DBConnect)). "</p>";
```

```
echo "<form>Please select a make: <select name='make'><option>All</option>";
```

```
$row = mysqli_fetch_row($queryResult);
```

```
while ($row) {
```

```
    echo "<option value='". $row[0]."'>". $row[0]. "</option>"; // each make
```

```
    $row = mysqli_fetch_row($queryResult);
```

```
}
```

```
echo "</select><br/><input type='submit' value='Search' /></form>";
```

```
mysqli_close($DBConnect);
```

```

if(isset($_GET['make']) && $_GET['make']!="")
{
    $DBConnect = @mysqli_connect("mysql.ict.swin.edu.au", "yourusername","yourpassword", "your_db")
    Or die ("<p>Unable to connect to the database server.</p>". "<p>Error code ". mysqli_connect_errno().": ". mysqli_connect_error()). "</p>";

    if($_GET['make']=="All") {
        $SQLstring = "select * from inventory";
    } else {
        $SQLstring = "select * from inventory where make='".$_GET['make']."'";
    }

    $queryResult = @mysqli_query($DBConnect, $SQLstring)
    Or die ("<p>Unable to query the inventory table.</p>". "<p>Error code ". mysqli_errno($DBConnect). ": ".mysqli_error($DBConnect)). "</p>";
    // extract items and display them in a table
    // use mysqli_fetch_row($queryResult);
    .....
    .....
    .....

```