OO Mysqli

Object Orientated mysqli

- All the examples so far have used procedural mysqli functions.

- The mysqli extension also supports an object orientated syntax.

- This object orientated syntax is often more compact and easier to follow.

Connect Object-Orientated

```php
$db = new mysqli(
            'hermes.dcs.bbk.ac.uk',
            'my_username',
            'my_password',
            'my_db_name' );
/* check connection */
if (mysqli_connect_errno()) {
  exit(mysqli_connect_error());
}
```

Write Query Object-Orientated

```
/* add student */
$sql = "INSERT INTO students
        VALUES ('Jane',26,'female')";
if (!$db->query($sql)) {
  exit($db->error);
}
```

Name	Age	Sex
Jane	26	female

Table students

Read Query Object-Orientated

```php
/* get all students */
$result = $db->query("SELECT name,age FROM students");
/* check query */
if ($result===false) {
    exit($db->error);
}
/* fetch associative array */
while ($row = $result->fetch_assoc()) {
    echo row['name'].', '.$row['age'].' yrs old';
}
/* free result set */
$result->close();
```

Name	Age	Sex
…	…	…

Table students