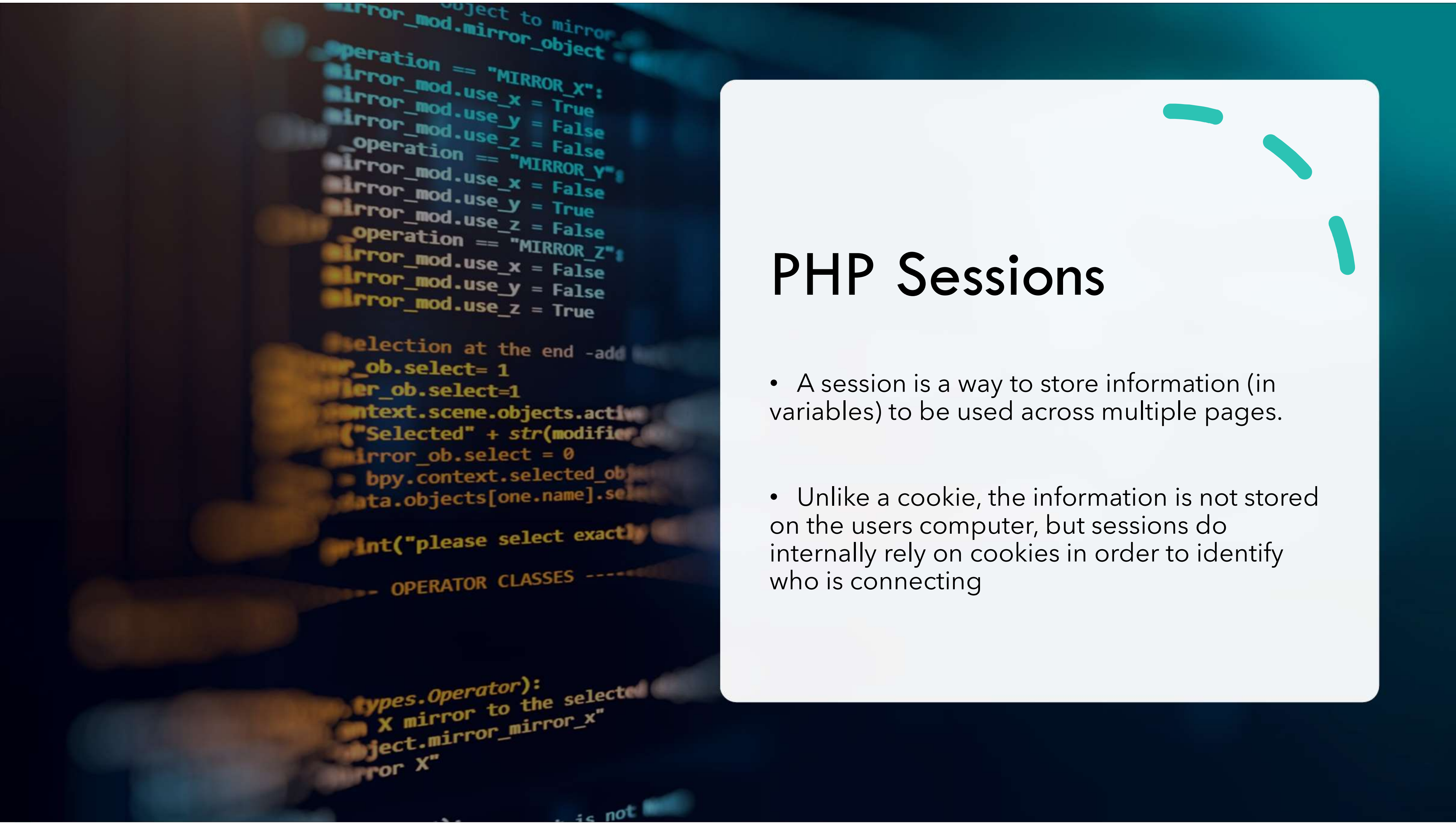
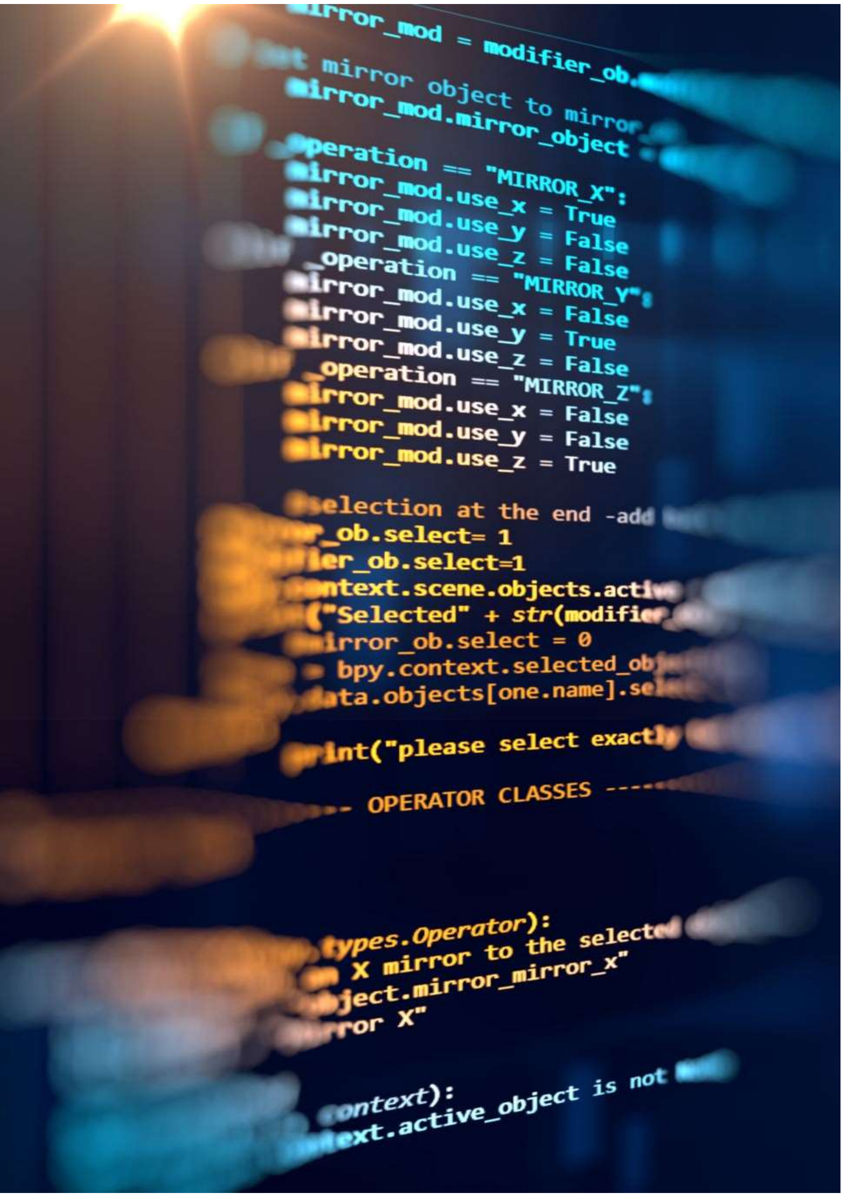


PHP Sessions

- A session is a way to store information (in variables) to be used across multiple pages.

- Unlike a cookie, the information is not stored on the users computer, but sessions do internally rely on cookies in order to identify who is connecting



PHP Sessions Demo

- How to use sessions with demos.

DEMO 02

PHP Demo 02a Session

Start a PHP Session

- A session is started with the `session_start()` function.
- Session variables are set with the PHP global variable: $_SESSION.

- **Note:** The `session_start()` function must be the very first thing in your document. Before any HTML tags.

PHP Demo 02a Session

- Now, let's create a new page called "demo_session1.php". In this page, we start a new PHP session and set some session variables:

```
<?php
      // Start the session
      session_start();
?>
<!DOCTYPE html>
<html>
<body>

<?php
      // Set session variables
      $_SESSION["favcolor"] = "green";
      $_SESSION["favanimal"] = "cat";
      echo "Session variables are set.";
?>

</body>
</html>
```

PHP Demo 02a Session

- **Get PHP Session Variable Values**
- Next, we create another page called "demo_session2.php". From this page, we will access the session information we set on the first page ("demo_session1.php").
- Notice that session variables are not passed individually to each new page, instead they are retrieved from the session we open at the beginning of each page (`session_start()`).
- Also notice that all session variable values are stored in the global $_SESSION variable:

PHP Demo 02a Session

- **Get PHP Session Variable Values**

```
<?php
     session_start();
?>
<!DOCTYPE html>
<html>
<body>

<?php
     // Echo session variables that were set on previous page
     echo "Favorite color is " . $_SESSION["favcolor"] . ".<br>";
     echo "Favorite animal is " . $_SESSION["favanimal"] . ".";
?>

</body>
</html>
```

PHP Demo 02a Session

Modify a PHP Session Variable

- To change a session variable, just overwrite it:

```
<?php
    // to change a session variable, just overwrite it
    $_SESSION["favcolor"] = "yellow";
?>
```

PHP Demo 02a Session

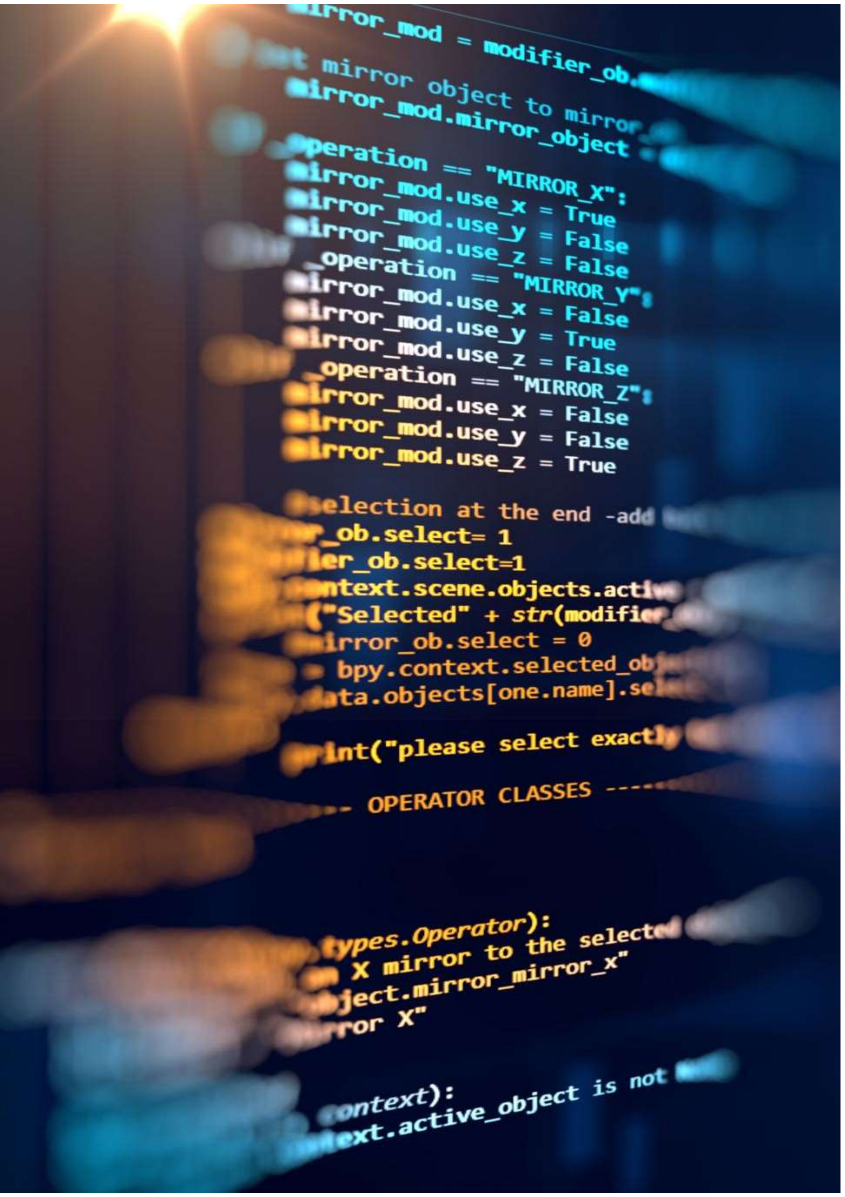
Destroy a PHP Session

To remove all global session variables and destroy the session, use `session_unset()` and `session_destroy()`

```
<?php
     // remove all session variables
     session_unset();

     // destroy the session
     session_destroy();
?>
```

PHP Sessions Demo



- Review class DEMO 02a files