SESSION

- PHP sessions are a way to store user information on the server for later use
- They are particularly useful for maintaining state between multiple page requests

```php
// Start the session
session_start();

// Set a session variable
$_SESSION['username'] = 'JohnDoe';
$_SESSION['user_id'] = 101;

echo "Session variables are set.";

// Get session variables
if (isset($_SESSION['username'])) {
    echo "Username: " . $_SESSION['username'] . "\n";
    echo "User ID: " . $_SESSION['user_id'] . "\n";
} else {
    echo "No session found.";
}

// Destroy the session
session_unset(); // Unset all session variables
session_destroy(); // Destroy the session itself
echo "Session destroyed.";
```

Where Session store data:

1. PHP sessions can be configured in the php.ini file
2. session.save_path: Defines where session data is saved on the server.
3. Default path is "C:\xampp\tmp"

Advantages of Sessions:

1. Sessions store data on the server, making them more secure.
2. Sessions allow you to store complex data types, like arrays and objects.
3. Sessions don't have size Limitations

Limitations of Sessions:

1. As traffic increases, storing a large number of sessions can strain server resources

#php