This PHP script is a **secure logout mechanism**. Let’s break it down line by line to understand what each part does:

**✅ session\_start();**

Starts the session if it hasn’t been started already. This is necessary to access and manipulate session variables.

**✅ $\_SESSION = [];**

This line **clears all session variables**, effectively logging out the user in terms of their session data.

**✅ Securely removing the session cookie:**

if (ini\_get("session.use\_cookies")) {

$params = session\_get\_cookie\_params();

setcookie(session\_name(), '', time() - 42000,

$params["path"], $params["domain"],

$params["secure"], $params["httponly"]

);

}

* **session.use\_cookies**: Checks if the session is using cookies.
* **session\_get\_cookie\_params()**: Gets the parameters of the session cookie.
* **setcookie(...)**: Sets the session cookie with:
  + An empty value ('')
  + An expiration time in the past (time() - 42000) — this deletes the cookie.
  + The same path, domain, secure, and HTTP-only flags used when it was set.

🔐 This ensures that **any session ID stored in the browser is also wiped out**.

**✅ session\_destroy();**

This **completely ends the session on the server**, removing the session file stored on the server.

**✅ header("Location: login.php");**

Redirects the user to the login page after logging out.

**✅ exit();**

Stops further script execution, ensuring the redirect is immediate and no extra output is sent.

**🔒 Why it’s good:**

This method ensures that:

* The session is fully wiped both on the client and server side.
* Session fixation or reuse is prevented.
* The user is safely redirected after logout.

Let me know if you want to add a logout message or redirect them with a status like login.php?message=loggedout.