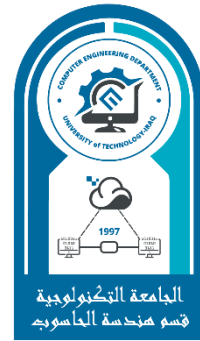**University of Technology**
Computer Engineering
Department

Web programing LAB II

Lec (7)-Discussion

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Discussion:

1- What is the worst type of cookies and why?

Sol/ The worst type of cookies are third-party cookies. These cookies are set by domains other than the one the user is visiting directly. They are often used for tracking user behavior across multiple websites without their consent, raising privacy concerns.

2- What is the good thing that modern browsers give us to get rid of the dangers coming from the worst type of cookies?

Sol/ Modern browsers provide features like Enhanced Tracking Protection or Privacy Mode, which allow users to block or restrict third-party cookies. Additionally, browsers offer options to clear cookies regularly or when the browser session ends, mitigating the risks associated with tracking and privacy invasion.

3- What are the differences between cookies & sessions in PHP?

Sol/ The main Difference between cookies and sessions is:

- **Storage**: Cookies are stored on the client-side (user's browser), while sessions are stored on the server-side.

- **Persistence**: Cookies can be persistent (remain after the browser is closed) or session-based (deleted when the browser is closed), while sessions are typically temporary and expire after a specified period of inactivity.

- **Security**: Sessions are generally considered more secure than cookies because session data is stored on the server and not accessible to the client.

4- Write a PHP code to create a simple form (email & password) with an option remember. If a user checks it, then store email and password in the user's computer.

Sol/ `<!DOCTYPE html>`

```html
<html>
<head>
  <title>Login Form with Cookies</title>
</head>
<body>
  <form method="post" action="Login1.php">
    <label for="email">Email:</label><br>
    <input type="email" id="email" name="email" required><br>
    <label for="password">Password:</label><br>
    <input type="password" id="password" name="password" required><br>
    <input type="checkbox" id="remember" name="remember">
    <label for="remember">Remember me</label><br>
    <input type="submit" value="Login">
  </form>
</body>
</html>
```

In the (Login1.php) file :

```php
<?php
if(isset($_POST['email']) && isset($_POST['password'])) {
   $email = $_POST['email'];
   $password = $_POST['password'];
```

```php
    if(isset($_POST['remember']) && $_POST['remember'] == 'on') {
        setcookie('email', $email, time() + (86400 * 30), "/");
        setcookie('password', $password, time() + (86400 * 30), "/");
    }
}
?>
```