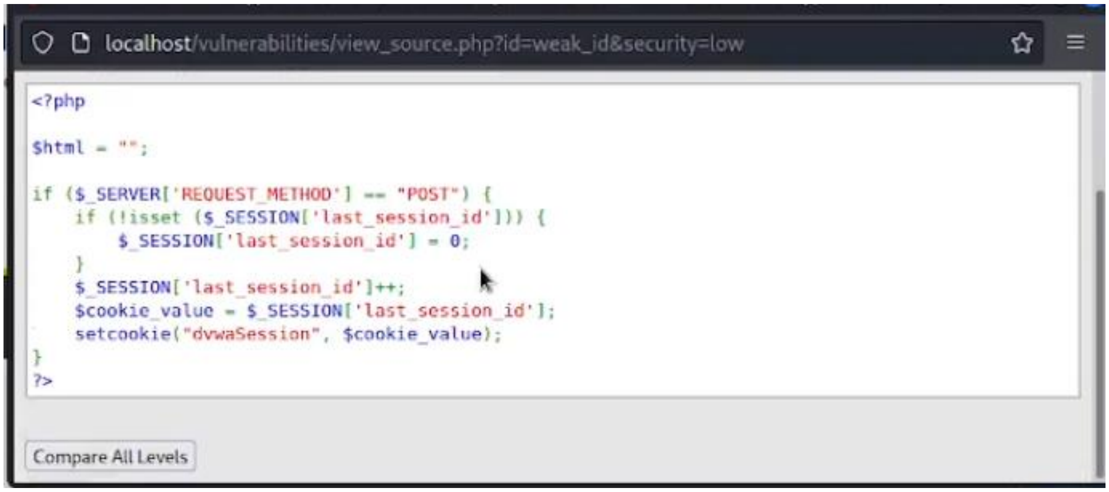
Weak session

DVWA

Procedure:

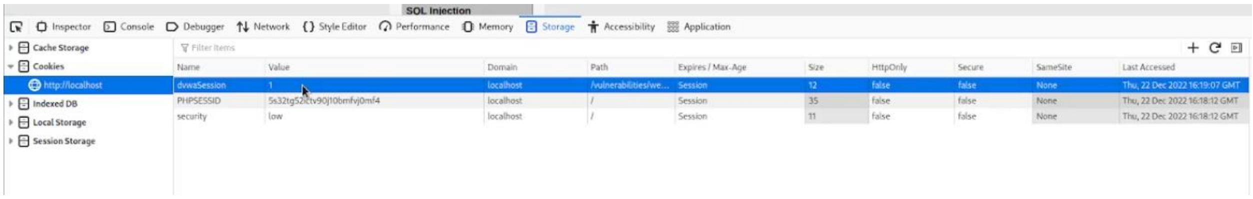
1.view source the code analyzes it.



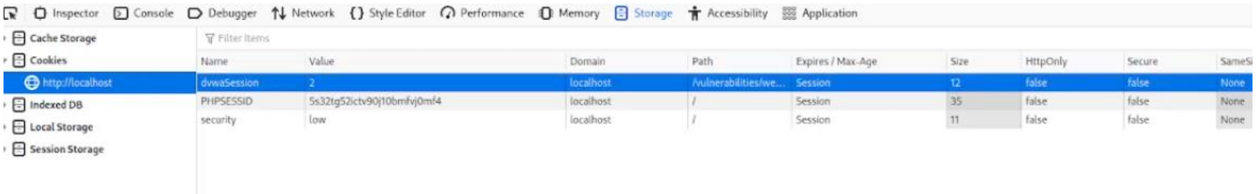
localhost/vulnerabilities/view_source.php?id=weak_id&security=low

```
<?php

$html = "";

if ($_SERVER['REQUEST_METHOD'] == "POST") {
    if (!isset ($_SESSION['last_session_id'])) {
        $_SESSION['last_session_id'] = 0;
    }
    $_SESSION['last_session_id']++;
    $cookie_value = $_SESSION['last_session_id'];
    setcookie("dvwaSession", $cookie_value);
}
?>
```

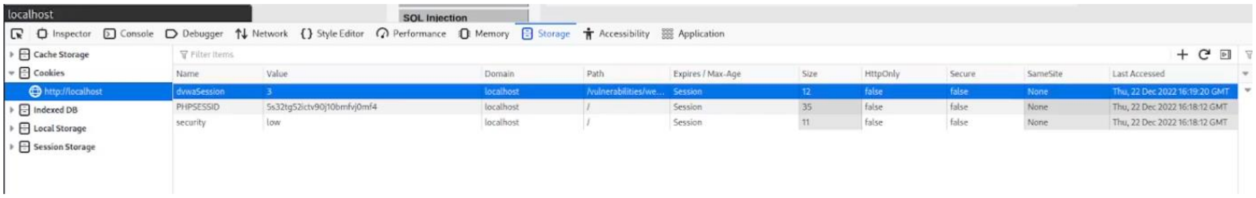
2.if we click generate button value of cookie will increase continuously.



Name	Value	Domain	Path	Expires / Max-Age	Size	HttpOnly	Secure	SameSite	Last Accessed
dvwaSession	1	localhost	/vulnerabilities/we...	Session	12	false	false	None	Thu, 22 Dec 2022 16:19:07 GMT
PHPSESSID	5s32tg52ictv90j10bmfvj0mf4	localhost	/	Session	35	false	false	None	Thu, 22 Dec 2022 16:18:12 GMT
security	low	localhost	/	Session	11	false	false	None	Thu, 22 Dec 2022 16:18:12 GMT



Name	Value	Domain	Path	Expires / Max-Age	Size	HttpOnly	Secure	SameSi
dvwaSession	2	localhost	/vulnerabilities/we...	Session	12	false	false	None
PHPSESSID	5s32tg52ictv90j10bmfvj0mf4	localhost	/	Session	35	false	false	None
security	low	localhost	/	Session	11	false	false	None



Name	Value	Domain	Path	Expires / Max-Age	Size	HttpOnly	Secure	SameSite	Last Accessed
dvwaSession	3	localhost	/vulnerabilities/we...	Session	12	false	false	None	Thu, 22 Dec 2022 16:19:20 GMT
PHPSESSID	5s32tg52ictv90j10bmfvj0mf4	localhost	/	Session	35	false	false	None	Thu, 22 Dec 2022 16:18:12 GMT
security	low	localhost	/	Session	11	false	false	None	Thu, 22 Dec 2022 16:18:12 GMT

3.To prevent this vulnerability, the session id should be hard to find for an attacker.