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▼ PHP Exercises

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Cookies and Sessions  
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Searching and Sorting  
(<https://www.w3resource.com/php-exercises/searching-and-sorting-algorithm/index.php>)

▼ PHP Challenges

Challenges-1  
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..More to come..  
(<https://www.w3resource.com/php-exercises/cookies-sessions/index.php>)

## PHP cookies and sessions: Exercises, Practice, Solutions

Last update on July 12 2023 13:27:17 (UTC/GMT +8 hours)



## PHP Cookies and Sessions: Exercises Practice Solution [ 16 exercises with solution ]

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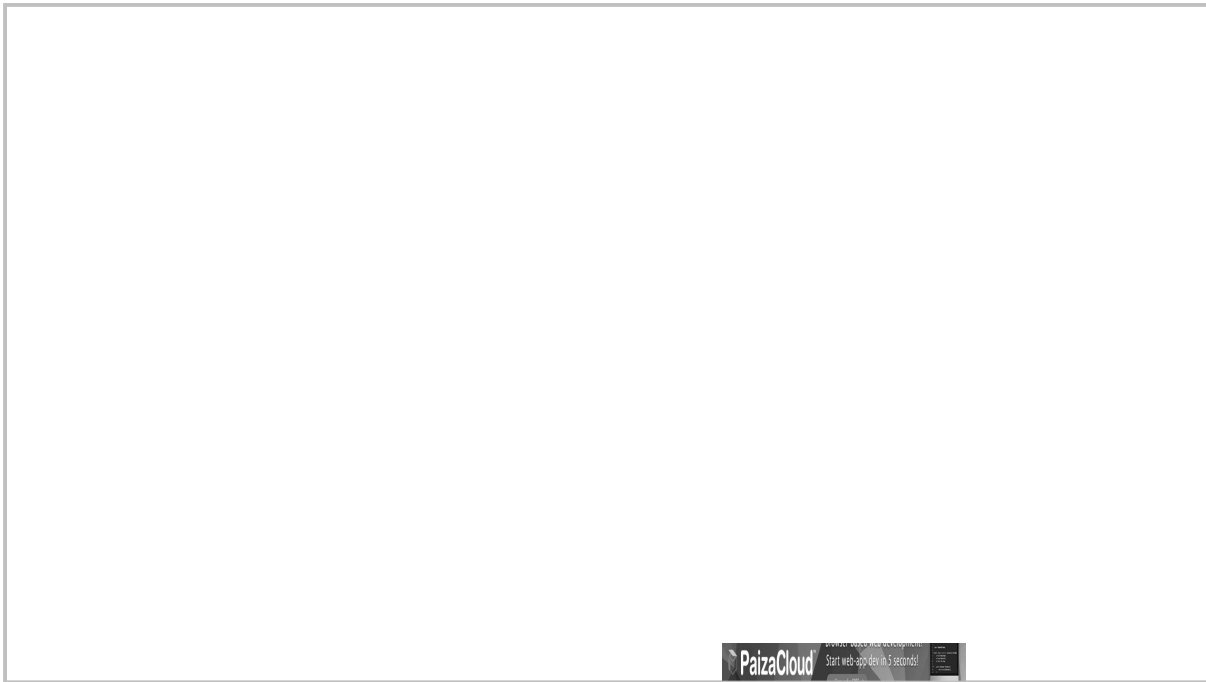
**[An editor is available at the bottom of the page to write and execute the scripts. Go to the editor**

(<https://www.w3resource.com/php-exercises/cookies-sessions/index.php#EDITOR>)

The following exercises cover various aspects of working with cookies and sessions in PHP. These include setting and retrieving values, session management, session security, and common usage scenarios.

1. Write a PHP script to set a cookie named "username" with the value "Gulnara Serik" and an expiration time of one hour.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-1.php>)
2. Write a PHP script to retrieve and display the value of the cookie named "username".  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-2.php>)
3. Write a PHP script to delete a cookie named "username".  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-3.php>)
4. Write a PHP script to set a session variable named "userid" with the value 10020.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-4.php>)
5. Write a PHP script to retrieve and display the value of the session variable "userid".  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-5.php>)
6. Write a PHP script to destroy a session and unset all session variables.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-6.php>)
7. Write a PHP script to set a secure cookie that can only be transmitted over an encrypted connection.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-7.php>)
8. Write a PHP script to check if a cookie named "visited" exists. If it does, display a welcome message; otherwise, display a default message.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-8.php>)
9. Write a PHP script to store an array of user preferences in a session variable.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-9.php>)
10. Write a PHP script to retrieve and display user preferences stored in the session variable.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-10.php>)
11. Write a PHP script to set a session timeout after 30 minutes of inactivity.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-11.php>)
12. Write a PHP script to display the number of active sessions on the server.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-12.php>)
13. Write a PHP script to limit the maximum number of concurrent sessions for a user to 3.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-13.php>)
14. Write a PHP script to regenerate the session ID to prevent session fixation attacks.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-14.php>)
15. Write a PHP script to display the last time the session was accessed by the user.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-15.php>)
16. Write a PHP script to set a cookie and a session variable with the same name. Display their values to compare.  
Click me to see the sample solution (<https://www.w3resource.com/php-exercises/cookies-sessions/php-cookies-sessions-exercise-16.php>)

**PHP Code Editor:**



**More to Come !**

**Do not submit any solution of the above exercises at here, if you want to contribute go to the appropriate exercise page.**

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SQL COUNT() with distinct (<https://www.w3resource.com/sql/aggregate-functions/count-with-distinct.php>)

JavaScript String Exercises (<https://www.w3resource.com/javascript-exercises/javascript-string-exercises.php>)

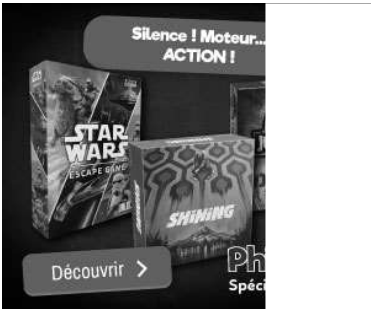
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