sessions & cookies
switch | match

Research

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Sessions And cookies

Sessions and cookies are both set of information that being sent by the server to be temporary stored at the client side or the server side. This information allows the server to recognize the client when the user switches between the website pages.

Sessions

Sessions are stored on the server side, to use a session first need to use session_start() function, and must be located before any PHP code, session id will be stored on the client side. **session_start()** // **session_unset()** // **session_destroy()**

Cookies

Cookies are set of information that being sent and saved on the client side, store a website information, or user information, or preferences, then when the same computer visits same website using the same browser, it will be identified.

setcookies() function is used for that purpose, and it needs to be called before any PHP code. It hhas six arguments, name, value, expire, path, secure.

EXAMPLE to set a cookie:

```
setcookie("color", "blue", time()+86400*2);
```

EXAMPLE to check a cookie value, using a superglobal array $_COOKIE:

```
echo $_COOKIE['color'] ;
```

To make sure the user has not deleted the cookies before calling it, in the code needs to confirm presence of the required cookies:

```
echo (isset $_COOKIE['color']? "Color is " . $_COOKIE['color'] : "please select a color" ;
```

SWITCH AND MATCH STATEMENTS

Switch and Match are both control statements that are used to execute conditional logics, the code decides which block to be executed based on a pre-determined condition, when the value entered by the user or from database matches any of these conditions, the program will select the related statement block.

SWITCH STATEMENT

It supports older versions of PHP. Each condition of the match block can execute as many expressions as required.

If the 'break' keyword is missing, it will step into and execute the following expression, and results will be wrong.

A default case has to be mentioned, otherwise if the entered value is not among the listed conditions, it will trigger a WARNING Error.

Warning: Undefined variable $monthname in C:\laragon\www\G-32\lectures\conditions.php on line 103

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Template syntax

```
$monthNumber = 13;
switch ($monthNumber) {
    case 1:
        $monthname = 'JAN';
        break;
    case 2:
        $monthname = 'FEB';
        break;
    case 3:
        $monthname = 'MAR';
        break;
    case 4:
        $monthname = 'APR';
        break;
    DEFAULT:
        $monthname = 'THIS MONTH IS OUT OF OUR RANGE.';
}
echo $monthname;
```

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Match statement

It supports only PHP version 8.0. Syntax is cleaner than switch. Each condition of the match block can execute only one expression. It can be used if we need to return a value. A default match case has to be listed, otherwise if the entered value is not matching any of the listed conditions, it will trigger a Fatal Error.

Fatal error: Uncaught UnhandledMatchError: Unhandled match case 30 in C:\laragon\www\G-32\lectures\conditions.php:106 Stack trace: #0 {main} thrown in **C:\laragon\www\G-32\lectures\conditions.php** on line **106**

Template syntax

```php
$monthNumber = 3;
echo match($monthNumber){
    1=>'JAN',
    2=>'FEB',
    3=>'MAR',
    4=>'APR',
    5=>'MAY',
    6=>'JUN',
    7=>'JUL',
    8=>'AUG',
    9=>'SEP',
    10=>'OCT',
    11=>'NOV',
    12=>'DEC'
};
```

Template syntax

```php
$degree = 70;
echo match (true) {
    $degree <= 50 => "Fail",
    $degree <= 60 => "Pass",
    $degree <= 75 => "Good",
    $degree <= 85 => "Very Good",
    $default => "Excellent"
};
```

REFERENCES

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geeksforgeeks

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