

# Decision Making in PHP

This type of statement is used to check the condition and produce the output whenever the given condition is true. The if, elseif ...else and switch statements are used to take decision based on the different condition. Decision making statement are of following types:

1. Simple if
2. If----else
3. If----else if
4. Nested if ----else
5. Switch case

**Simple if :-** It is a type of decision making statement which produce the output only when the given condition is true otherwise no output.

**Syntax:**

```
<?php
if(condition)
{
//statements
}
?>
```

**If --else :-** It is a type of decision making statement which produce the output only when the given condition is true otherwise output of else block.

**Syntax:**

```
<?php
if(condition)
{
//statements
```

```
}  
else  
{  
//statements  
}  
?>
```

**If---else if :-**It is a type of decision making statement which check the more than one conditional statement, produce the output whenever the given condition is true otherwise output of else block.

**Syntax:**

```
<?php  
if(condition)  
{  
//statements  
}  
else if (Condition1)  
{  
//statements  
}  
else if (Condition2)  
{  
//statements  
}  
else if (Condition3)
```

```
{  
//statements  
}  
Else  
{  
//statements  
}  
?>
```

### SWITCH-CASE

This decision making statement checks the conditions into separate case and produce the output otherwise follow the default output. It works similar to multiple if-else or ladder decision making statement.

```
<?php  
$exp=value;  
switch($exp)  
{  
    case 1:  
        statement;  
        break;  
    case 2:  
        statement:  
        break;  
    case 3:  
        statement;  
        break;
```

## Web Techonolgy CS-41 Unit 5 PHP Lecture-2

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```
default:  
statement;  
}
```

?>

### Example :

```
<?php  
    $d = date("D"); //this function return the day name of week  
    switch ($d)  
{  
    case "Mon":  
        echo "Today is Monday";  
        break;  
    case "Tue":  
        echo "Today is Tuesday";  
        break;  
    case "Wed":  
        echo "Today is Wednesday";  
        break;  
    case "Thu":  
        echo "Today is Thursday";  
        break;  
    case "Fri":  
        echo "Today is Friday";  
        break;  
    case "Sat":  
        echo "Today is Saturday";  
        break;  
    case "Sun":  
        echo "Today is Sunday";  
        break;  
    default:  
        echo "Wonder which day is this ?";  
    }  
?>
```