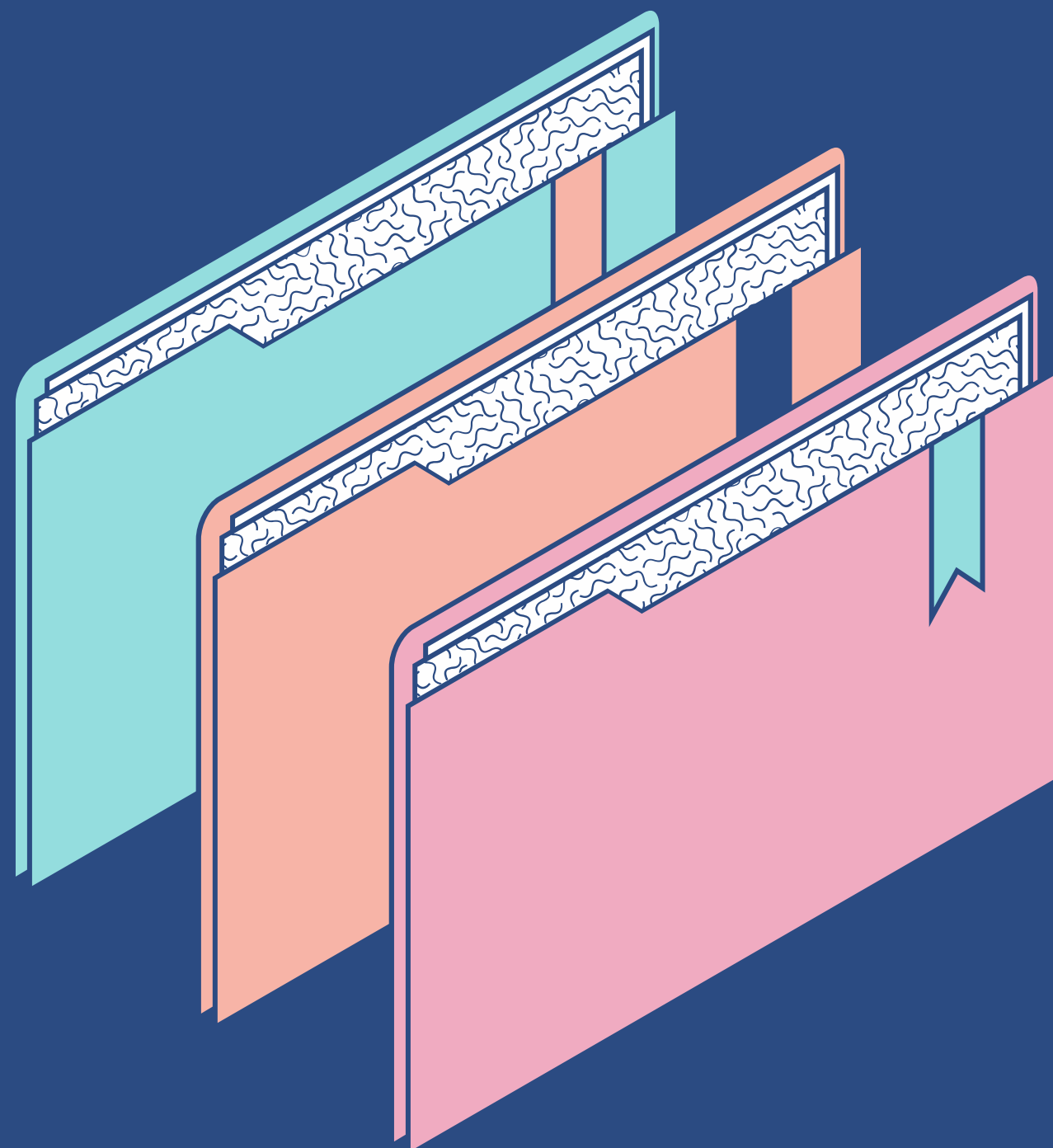




# Web programming

Week 6



PHP

# #1 Create multiplication table



## Step 1

1. Create table
2. Create two variables *cols* and *rows*
3. Assign arbitrary values to the created variables in the range from 1 to 10

```
<table border="1">
<?php
$rows=9;
$cols=9;
?>
</table>
```

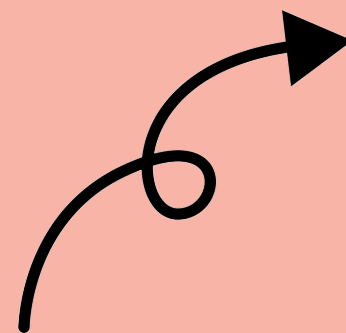
## Step 2



1. Using loops, render the multiplication table as an HTML table with the following conditions:
  - The number of columns must be equal to the value of the cols variable
  - The number of rows must be equal to the value of the variable rows
  - Cells at the intersection of columns and rows must contain values that are the product of the column and row serial numbers
2. It is recommended to use for loops

```
$cols=9;  
for ($tr = 1; ...; ...)  
{  
    echo "<tr>";  
    for($td = 1; ...; ...)  
    {  
        echo "<td>, $tr * $td,</td>";  
    }  
    echo "</tr>";  
}  
?>
```

Add code



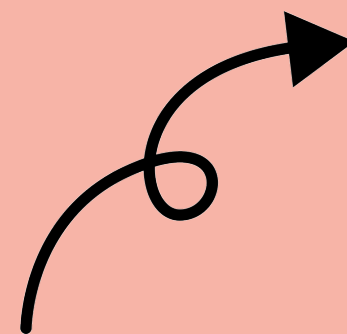
## Step 3

- Values in the cells of the first row and first column must be rendered in bold
- The background color of the cells in the first row and first column must be different from the background color of the table. Save the file (.php).




```
for($tr=1; ...; ...){  
    echo"<tr>";  
    for($td=1; ...; ...){  
        if(...){  
            echo "<th style='...'>",  
                $tr * $td, "</th>";  
        }else{  
            echo "<td>", $tr * $td, "</td>";  
        }  
    }  
    echo"</tr>";  
}  
?>
```

Add code



# Result



← → ↻ ⓘ localhost/web/multipl.php

1	2	3	4	5	6	7	8	9
2	4	6	8	10	12	14	16	18
3	6	9	12	15	18	21	24	27
4	8	12	16	20	24	28	32	36
5	10	15	20	25	30	35	40	45
6	12	18	24	30	36	42	48	54
7	14	21	28	35	42	49	56	63
8	16	24	32	40	48	56	64	72
9	18	27	36	45	54	63	72	81

## #2 Use *switch*

- Create a \$day variable and give it an arbitrary numeric value
- Using the *switch*, print the phrase "It's a workday" if the value of the variable \$day falls within the range of numbers from 1 to 5 (inclusive)
- Print the phrase "It's a weekend" if the value of the \$day variable is 6 or 7
- Print the phrase "Unknown day" if the value of the \$day variable does not fall within the range of numbers from 1 to 7 (inclusive)

## #3

CHECK IF THE GIVEN NUMERIC ARRAY CONTAINS NEGATIVE NUMBERS (AT LEAST ONE). IF YES, PRINT "YES", IF NOT, PRINT "NO". SHOW MESSAGE ONCE

## #4

- GAME "GUESS A NUMBER". INPUT INTO A FORM SOME NUMBER. IF IT IS CORRECT PRINT "YOU WIN", IF NOT "YOU LOSE"
- ADD TIMER 10 SEC. NUMBER OF ATTEMPTS=3