SKILLSET 1

```
php_ss1_santos.php   php_ss2_santos.php   php_ss3_santos.php   php_ss4_santos.php
 1  <html>
 2  <head>
 3      <title>PHP Skillset 1 - Operations Between Two Numbers</title>
 4  </head>
 5  <body>
 6  <?php
 7  $x = 10;
 8  $y = 5;
 9  function sum($x,$y){
10      $sum = $x + $y;
11      return $sum;
12  }
13  function diff($x,$y){
14      $diff = $x - $y;
15      return $diff;
16  }
17  function prod($x,$y){
18      $prod = $x * $y;
19      return $prod;
20  }
21  function quo($x,$y){
22      $quo = $x / $y;
23      return $quo;
24  }
25  echo "The sum of two numbers is: " . sum($x,$y) . ".<br>";
26  echo "The difference of two numbers is: " . diff($x,$y) . ".<br>";
27  echo "The product of two numbers is: " . prod($x,$y) . ".<br>";
28  echo "The quotient of two numbers is: " . quo($x,$y) . ".<br>";
29  ?>
30  </body>
31  </html>
```
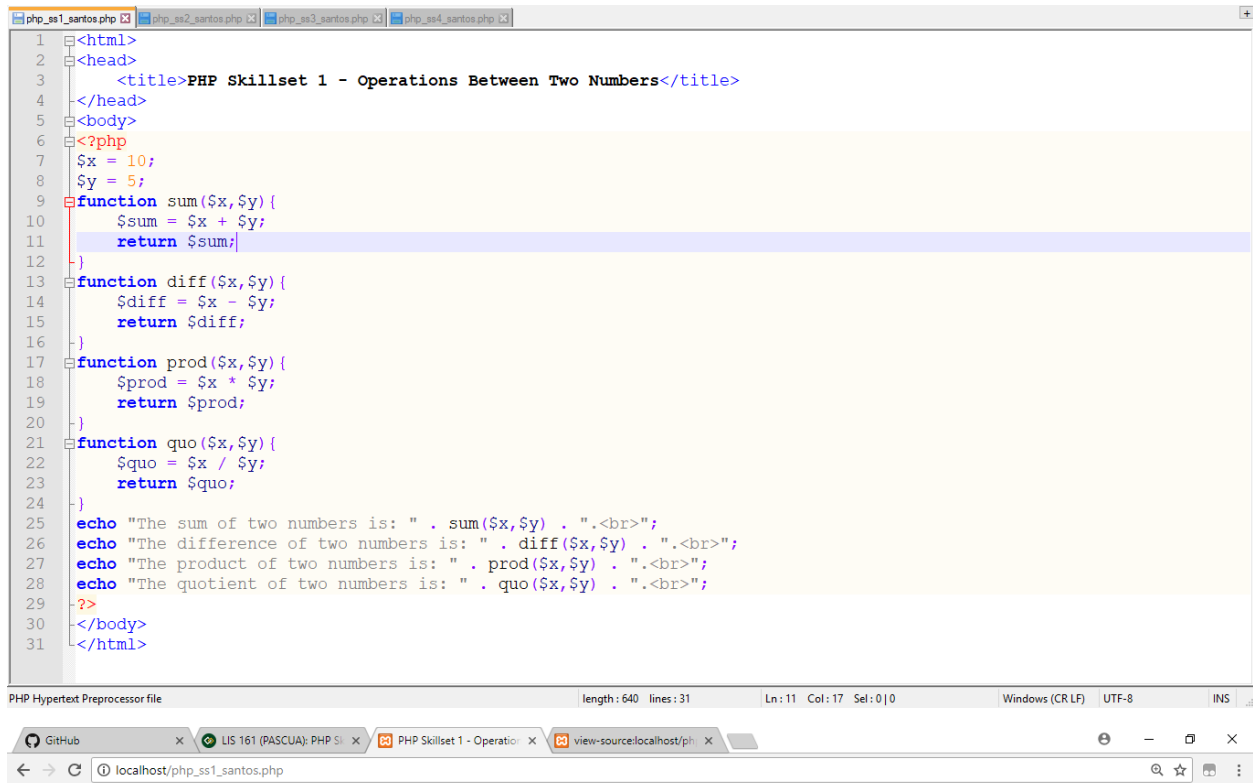
PHP Hypertext Preprocessor file   length : 640   lines : 31   Ln : 11   Col : 17   Sel : 0 | 0   Windows (CR LF)   UTF-8   INS

GitHub   LIS 161 (PASCUA): PHP S   PHP Skillset 1 - Operation   view-source:localhost/ph
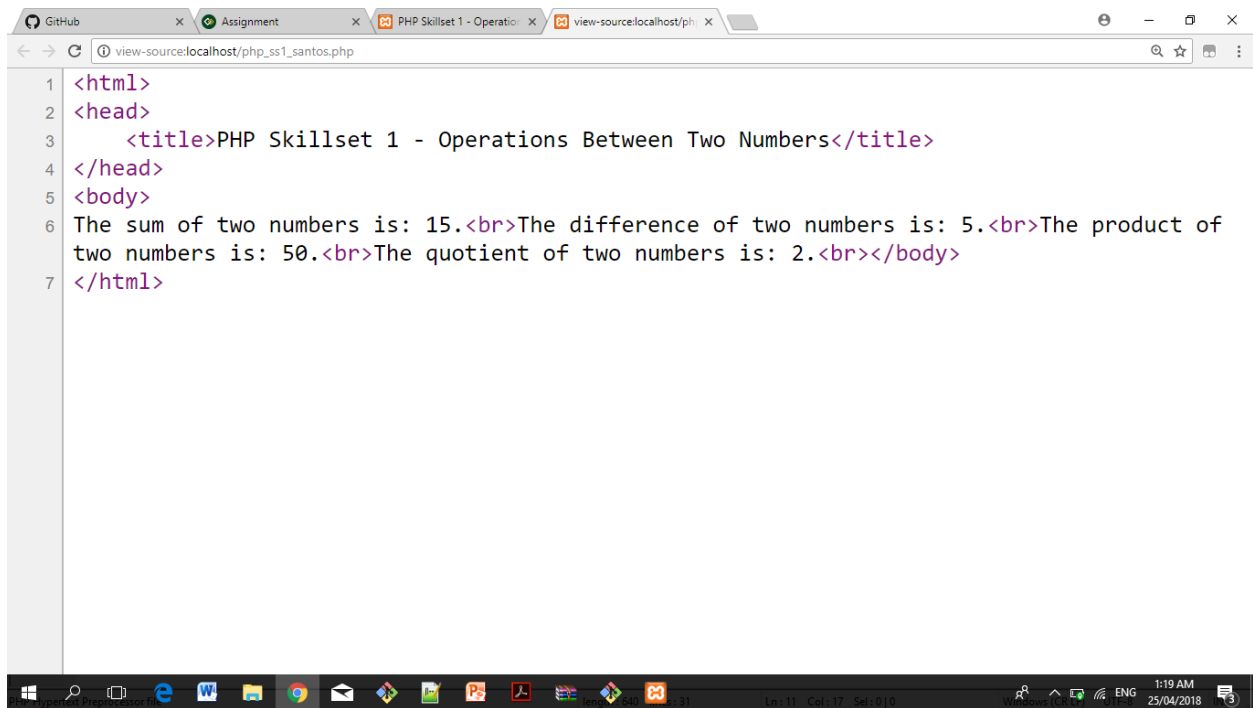
localhost/php_ss1_santos.php

The sum of two numbers is: 15.
The difference of two numbers is: 5.
The product of two numbers is: 50.
The quotient of two numbers is: 2.

```
1  <html>
2  <head>
3      <title>PHP Skillset 1 - Operations Between Two Numbers</title>
4  </head>
5  <body>
6  The sum of two numbers is: 15.<br>The difference of two numbers is: 5.<br>The product of
   two numbers is: 50.<br>The quotient of two numbers is: 2.<br></body>
7  </html>
```

SKILLSET 2

```php
<html>
<head>
    <title>PHP Skillset 2 - Grading System</title>
</head>
<body>
<?php
function grade($grade){
    if ($grade<=100 && $grade>=0)
        if ($grade<92)
            if ($grade<88)
                if ($grade<84)
                    if ($grade<80)
                        if ($grade<76)
                            if ($grade<72)
                                if ($grade<68)
                                    if ($grade<64)
                                        if ($grade<60)
                                            echo "Singko! 5.0! Fail!";
                                        else
                                            echo "Tres! Passing!";
                                    else
                                        echo "2.75! Fair!";
                                else
                                    echo "2.5! Sufficient!";
                            else
                                echo "2.25! Satisfactory!";
                        else
                            echo "2.0! Very satisfactory!";
                    else
                        echo "1.75! Good!";
                else
                    echo "1.5! Very Good!";
```

```php
                        if ($grade<76)
                            if ($grade<72)
                                if ($grade<68)
                                    if ($grade<64)
                                        if ($grade<60)
                                            echo "Singko! 5.0! Fail!";
                                        else
                                            echo "Tres! Passing!";
                                    else
                                        echo "2.75! Fair!";
                                else
                                    echo "2.5! Sufficient!";
                            else
                                echo "2.25! Satisfactory!";
                        else
                            echo "2.0! Very satisfactory!";
                    else
                        echo "1.75! Good!";
                else
                    echo "1.5! Very Good!";
            else
                echo "1.25! Outstanding!";
        else
            echo "1.0! Excellent!";
    else
        echo "Not valid input";
    return;
}
grade(75);
?>
</body>
</html>
```

2.25! Satisfactory!

```html
<html>
<head>
    <title>PHP Skillset 2 - Grading System</title>
</head>
<body>
2.25! Satisfactory!</body>
</html>
```

SKILLSET 3

```php
1  <html>
2  <head>
3      <title>PHP Skillset 3 - Menu of the Day</title>
4  </head>
5  <body>
6  <?php
7  $day = "wednesday";
8  function menu($a){
9      switch ($a) {
10         case "sunday":
11             echo "The menu of the day is SINIGANG.";
12             break;
13         case "monday":
14             echo "The menu of the day is ADOBO.";
15             break;
16         case "tuesday":
17             echo "The menu of the day is KALDERETA.";
18             break;
19         case "wednesday":
20             echo "The menu of the day is AFRITADA.";
21             break;
22         case "thursday":
23             echo "The menu of the day is MECHADO.";
24             break;
25         case "friday":
26             echo "The menu of the day is PAKSIW NA PATA.";
27             break;
28         case "saturday":
29             echo "The menu of the day is LIEMPO.";
30             break;
31         default:
32             echo "The input day is invalid.";
```

```php
7  $day = "wednesday";
8  function menu($a){
9      switch ($a) {
10         case "sunday":
11             echo "The menu of the day is SINIGANG.";
12             break;
13         case "monday":
14             echo "The menu of the day is ADOBO.";
15             break;
16         case "tuesday":
17             echo "The menu of the day is KALDERETA.";
18             break;
19         case "wednesday":
20             echo "The menu of the day is AFRITADA.";
21             break;
22         case "thursday":
23             echo "The menu of the day is MECHADO.";
24             break;
25         case "friday":
26             echo "The menu of the day is PAKSIW NA PATA.";
27             break;
28         case "saturday":
29             echo "The menu of the day is LIEMPO.";
30             break;
31         default:
32             echo "The input day is invalid.";
33         }
34  }
35  menu(strtolower($day));
36  ?>
37  </body>
38  </html>
```
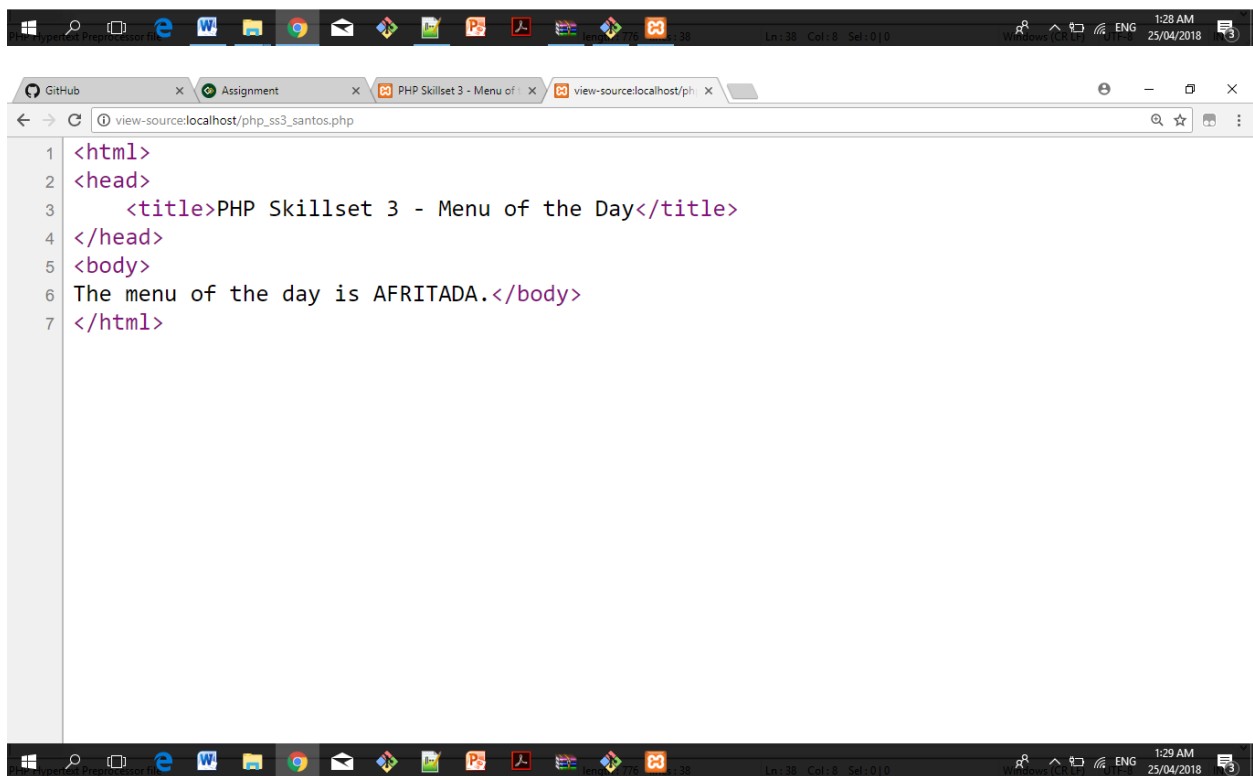
The menu of the day is AFRITADA.

```
1  <html>
2  <head>
3      <title>PHP Skillset 3 - Menu of the Day</title>
4  </head>
5  <body>
6  The menu of the day is AFRITADA.</body>
7  </html>
```
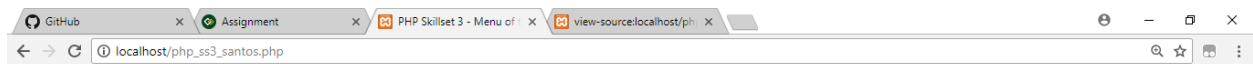
SKILLSET 4

```
1  <html>
2  <head>
3      <title>PHP Skillset 4 - Multiplication Table</title>
4  </head>
5  <body>
6  <?php
7  function mult($a,$b){
8      for($i=1; $i<=$a; $i++){
9          for($j=1; $j<=$b; $j++){
10             echo $i . " x " . $j . "= " . $i*$j . "<br>";
11         }
12     echo "<br>";
13     }
14 }
15 mult(12,11); //indicate multiplier and multiplicand
16 ?>
17 </body>
18 </html>
```

PHP Hypertext Preprocessor file   length : 324   lines : 18   Ln : 15   Col : 11   Sel : 0 | 0   Windows (CR LF)   UTF-8   INS

GitHub × | Assignment × | PHP Skillset 4 - Multiplica × | view-source:localhost/ph ×

① localhost/php_ss4_santos.php

1 x 1= 1
1 x 2= 2
1 x 3= 3
1 x 4= 4
1 x 5= 5
1 x 6= 6
1 x 7= 7
1 x 8= 8
1 x 9= 9
1 x 10= 10
1 x 11= 11

2 x 1= 2
2 x 2= 4
2 x 3= 6
2 x 4= 8
2 x 5= 10
2 x 6= 12

2 x 7= 14
2 x 8= 16
2 x 9= 18
2 x 10= 20
2 x 11= 22

3 x 1= 3
3 x 2= 6
3 x 3= 9
3 x 4= 12
3 x 5= 15
3 x 6= 18
3 x 7= 21
3 x 8= 24
3 x 9= 27
3 x 10= 30
3 x 11= 33

```
1  <html>
2  <head>
3      <title>PHP Skillset 4 - Multiplication Table</title>
4  </head>
5  <body>
6  1 x 1= 1<br>1 x 2= 2<br>1 x 3= 3<br>1 x 4= 4<br>1 x 5= 5<br>1 x 6= 6<br>1 x 7= 7<br>1 x
   8= 8<br>1 x 9= 9<br>1 x 10= 10<br>1 x 11= 11<br><br>2 x 1= 2<br>2 x 2= 4<br>2 x 3=
   6<br>2 x 4= 8<br>2 x 5= 10<br>2 x 6= 12<br>2 x 7= 14<br>2 x 8= 16<br>2 x 9= 18<br>2 x
   10= 20<br>2 x 11= 22<br><br>3 x 1= 3<br>3 x 2= 6<br>3 x 3= 9<br>3 x 4= 12<br>3 x 5=
   15<br>3 x 6= 18<br>3 x 7= 21<br>3 x 8= 24<br>3 x 9= 27<br>3 x 10= 30<br>3 x 11= 33<br>
   <br>4 x 1= 4<br>4 x 2= 8<br>4 x 3= 12<br>4 x 4= 16<br>4 x 5= 20<br>4 x 6= 24<br>4 x 7=
   28<br>4 x 8= 32<br>4 x 9= 36<br>4 x 10= 40<br>4 x 11= 44<br><br>5 x 1= 5<br>5 x 2=
   10<br>5 x 3= 15<br>5 x 4= 20<br>5 x 5= 25<br>5 x 6= 30<br>5 x 7= 35<br>5 x 8= 40<br>5 x
   9= 45<br>5 x 10= 50<br>5 x 11= 55<br><br>6 x 1= 6<br>6 x 2= 12<br>6 x 3= 18<br>6 x 4=
   24<br>6 x 5= 30<br>6 x 6= 36<br>6 x 7= 42<br>6 x 8= 48<br>6 x 9= 54<br>6 x 10= 60<br>6 x
   11= 66<br><br>7 x 1= 7<br>7 x 2= 14<br>7 x 3= 21<br>7 x 4= 28<br>7 x 5= 35<br>7 x 6=
   42<br>7 x 7= 49<br>7 x 8= 56<br>7 x 9= 63<br>7 x 10= 70<br>7 x 11= 77<br><br>8 x 1=
   8<br>8 x 2= 16<br>8 x 3= 24<br>8 x 4= 32<br>8 x 5= 40<br>8 x 6= 48<br>8 x 7= 56<br>8 x
   8= 64<br>8 x 9= 72<br>8 x 10= 80<br>8 x 11= 88<br><br>9 x 1= 9<br>9 x 2= 18<br>9 x 3=
   27<br>9 x 4= 36<br>9 x 5= 45<br>9 x 6= 54<br>9 x 7= 63<br>9 x 8= 72<br>9 x 9= 81<br>9 x
   10= 90<br>9 x 11= 99<br><br>10 x 1= 10<br>10 x 2= 20<br>10 x 3= 30<br>10 x 4= 40<br>10 x
```