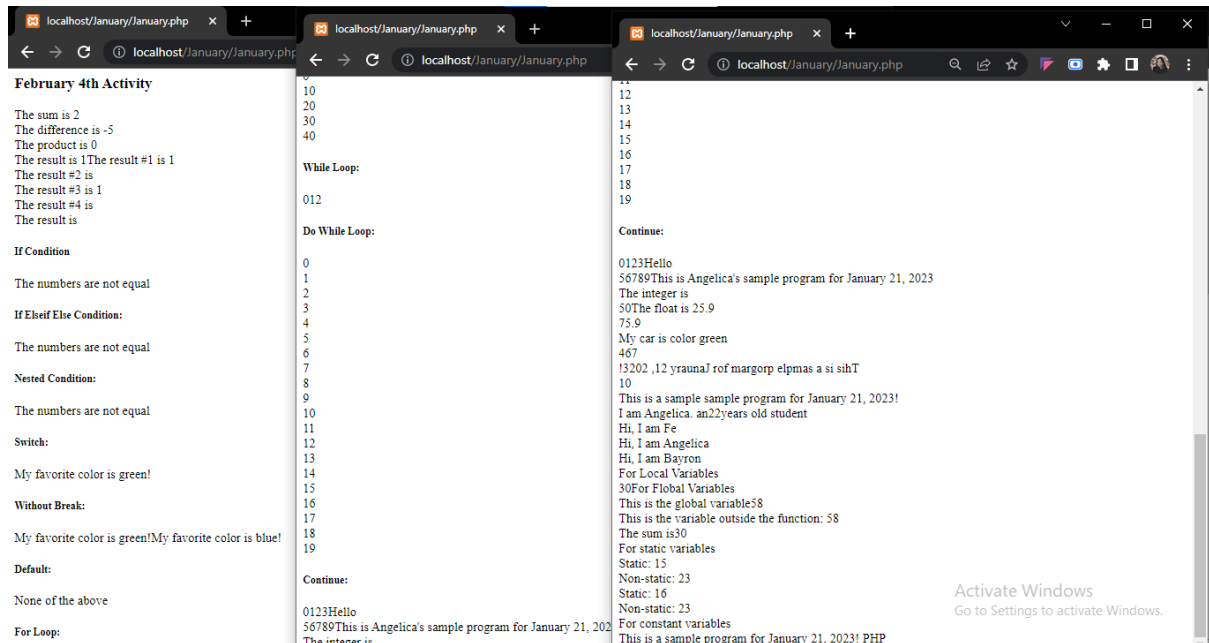


BAYRON, ANGELICA FE V.
BSIT 4-1

ACTIVITY 2



```
<html>
<body>
    <?php

        //=====FEBRUARY 4=====

        // +=
        // -=
        // *=
        // /=
        // %=    getting remainder

        $i = 0;
        $i += 2;
        echo "The sum is " . $i . "<br>";

        $i =0;
        $i -= 5;
        echo "The difference is " . $i . "<br>";

        $i =0;
        $i *= 2;
        echo "The product is " . $i . "<br>";

        $b=10;
```

```
$result = $i <= $b;
echo "The result is ". $result;

$b=10;
$result = $i <= $b;
echo "The result #1 is ". $result . "<br>";
$result1 = $i >= $b;
echo "The result #2 is ". $result1 . "<br>";
$result2 = $i != $b;
echo "The result #3 is ". $result2 . "<br>";
$result3 = $i == $b;
echo "The result #4 is ". $result3 . "<br>";

$c = 20;
$a= 5;
$d= 3;
$result4 = ($a <= $d) && ($c == $d);
echo 'The result is '. $result4. "<br>";

//if condition
echo "<h5>If Condition</h5>";
$if_num1 = 1;
$if_num2 = 2;

if ($if_num1 == $if_num2){
    echo "The numbers are equal <br>";
}else{
    echo "The numbers are not equal <br>";
}

//if elseif else condition
echo "<h5>If Elseif Else Condition: </h5>";
$if_num1 = 1;
$if_num2 = 0;

if ($if_num1 == $if_num2){
    echo "The numbers are equal ";
}elseif ($if_num1 != $if_num2){
    echo "The numbers are not equal";
}else{
    echo "else if result";
}
```

```
//nested condition
echo "<h5>Nested Condition: </h5>";
$if_num1 = 1;
$if_num2 = 0;

if($if_num2==0){
    if ($if_num1 < $if_num2){
        echo "The numbers are equal";
    }elseif ($if_num1 > $if_num2){
        echo "The numbers are not equal";
    }else{
        echo "The numbers are equal";
    }
}

//Switch
echo "<h5>Switch: </h5>";
$favcolor = "green";

switch ($favcolor){
    case "red":
        echo "My favorite color is red!";
        break;

    case "green":
        echo "My favorite color is green!";
        break;

    case "blue":
        echo "My favorite color is blue!";
        break;
}
echo "<h5>Without Break: </h5>";
$favcolor = "green";

switch ($favcolor){
    case "red":
        echo "My favorite color is red!";
    case "green":
        echo "My favorite color is green!";

    case "blue":
        echo "My favorite color is blue!";
}
```

```
        break;
    }
    echo "<h5>Default: </h5>";
    $favcolor = "pink";

    switch ($favcolor){
        case "red":
            echo "My favorite color is red!";
        case "green":
            echo "My favorite color is green!";

        case "blue":
            echo "My favorite color is blue!";
            break;
        default:
            echo "None of the above";
    }

    //For loop
    echo "<h5>For Loop: </h5>";
    //$for_num= 5;
    for($i=0; $i < 50; $i+=10){
        echo $i . "<br>";
    }

    //While loop
    echo "<h5>While Loop: </h5>";
    $x=1;
    $y=2;
    $while_num= 0;
    $result7=$x + $y * $x;
    while($while_num < $result7){
        echo $while_num;
        $while_num++;
    }

    //Do While loop
    echo "<h5>Do While Loop: </h5>";
    $x=0;
    do{
        echo $x . "<br>";
        $x++;
    }while ($x < 20);

    //Continue loop
```

```

echo "<h5>Continue: </h5>";
for ($i = 0; $i < 10; $i++) {
    if($i == 4){
        echo "Hello <br>";
        continue;
    }
    echo $i;
}

//=====JANUARY=====
$firstname="Angelica";
$color="green";
$str="This is a sample for January 21, 2023";
$num1 = 20;
$num2=10;
$float1=25.9;
$int1 = 50;
$evennum=58;
$sum= $int1 + $float1;

echo "This is ".$firstname."'s sample program for January 21,
2023 <br>";
echo "The integer is <br>".$int1;
echo "The float is ".$float1 . "<br>";
echo $sum . "<br>";
echo "My car is color ".$color . "<br>";
echo strlen("This is a sample program for January 21, 2023!");
echo str_word_count("This is a sample program for January 21,
2023!"). "<br>";
echo strrev ("This is a sample program for January 21, 2023!").
"<br>";
echo strpos("This is a sample program for January 21, 2023!",
"sample"). "<br>";
echo str_replace("sample","sample sample", "This is a sample
program for January 21, 2023!"). "<br>";

function sayHello($name , $age){
    echo "I am " . $name . ". an". $age . "years old student
<br>" ;
}

sayHello("Angelica" , 22);

```

```
function sayHello1($name="Angelica"){
    echo "Hi, I am " . $name . "<br>" ;
}

sayHello1("Fe");
sayHello1();
sayHello1("Bayron");

function local_var1(){
    $num1=25;
    echo $num1;
}
function local_var2(){
    $num1=30;
    echo $num1;
}
echo "For Local Variables <br>";
local_var2();
echo "For Flobal Variables <br>";

function global_var(){

    global $sevennum;
    echo "This is the global variable" . $sevennum . "<br>" ;
}
global_var();
echo "This is the variable outside the function: ".$sevennum .
"<br>" ;

function global_var2(){

    $sum_of_num=$GLOBALS ['num1'] + $GLOBALS ['num2'];
    echo "The sum is" . $sum_of_num . "<br>" ;
}
global_var2();

echo "For static variables <br>";

function static_var(){
    static $seven1=14;
```

```
        $seven2=22;

        $seven1++;
        $seven2++;

        echo "Static: ".$seven1."<br>";
        echo "Non-static: ".$seven2."<br>";
    }

    static_var();
    static_var();

    echo "For constant variables <br>";
    define("MESSAGE", "This is a sample program for January 21,
2023! PHP");
    echo MESSAGE;

    ?>
</body>
</html>
```