**Laboratory Work 7**

Exercises:

1. Use if and else and others operators to calculate the function y = f (x).

1*.* 2. **

3. ** 4. **

5. ** 6. **

2. Do calculation of the expression, using loops. (The do-while loop. The for loop.)

1. 2. 

3. Solve this task with array:

1. Given an array A (10). Find the sum and the number of positive elements.

2. Given an array A (20). Find the minimum and maximum of the array elements and their positions.

3. Given an array A (15). Find the minimum element among the elements on the odd positions of the array.

4. Given an array A (30). Find the sum and the number of positive elements located between the minimum and maximum elements of the array.

5. If in the array A (15) there is an element equal to 5, assign to X a value that is equal to the sum of all positive elements.

6. Given an array A (12). Find the sum of the negative elements.

7. Given an array A (20). Find the maximum of the array elements and their positions.

8. Given an array A (18). Find the minimum among the elements on the odd positions.

9. Given an array A (7). Find the sum and the number of positive elements located between the minimum and maximum elements of the array.

10. If in the array A (14) there is an element equal to 7, assign to X a value that is equal to the sum of all positive elements.

11. Given an array A (20). Find the minimum and maximum of the array elements and their positions.

12. Given an array A (15). Find the maximum among the elements on the odd positions of the array.

**Example1:**

**(To pass an array to a function as parameter)**

<?php

function takes\_array($input)

{

echo "$input[0] + $input[1] = ", $input[0]+$input[1];

}

$input2 = array();

$input2[0]=1;

$input2[1]=8;

takes\_array ($input2);

?>