

Pink JExercise 2

The purpose of the following exercises are to get familiar with using arrays and for- and while-loops.

1. Store 1, 2, 3, 4 and 5 values in an array. Take out the integer 3.
2. Create a method that finds the smallest value in an array with the five following values
 - a. 5, 3, 8, 12, 1
 - b. 2, 3, 4, 5, 6
 - c. 7, 9, 2, 4, 9
3. Write “Pink Programming” ten times with a for- and a while-loop.
4. Create an array with the integers 1-10.
 - a. Create two new arrays. In one array, use a for/while-loop and store all the even integers, and in the second all the odd numbers.
 - b. Create a new third vector and use a for/while-loop to sum. Print the values in the third vector.
5. Write a program that reads 5 values of temperatures and stores it in an array, calculates and prints the average temperature.

The purpose of the following exercises are to get familiar with using functions.

6. Create a class Calculator with the following functions:
 - a. add
 - b. subtract
 - c. multiply
 - d. dividetwo integers.
7. Write a main function and use the functions you wrote in the previous task. Print the results to see if the functions work as expected.
8. Create a function that calculates the minimum value of an array.
9. Create a function that calculates the maximum value of an array.
10. Write a main function and use the functions you wrote in the previous tasks. Print the results to see if the functions work as expected.