



Instructions:

- 1- Create a folder with your full name on the desktop.
- 2- Create 10 Text Documents inside the folder and name them Q1, Q2 ... Q6.
- 3- Save your codes inside the Text Documents.

Q1. Write a function to find the index of the minimum element in the following array set.
{ 3 , 6 , 0 , -3 , 5 , 1 , 4 }.

Sample Output

The index of minimum element is: 3

Q2. Find the minimum and maximum numbers in the following array set, using function (pass by value). {8, 2, 5, 1, 7, 4, 9, 3}

Sample Output

The maximum number is: 9
The minimum number is: 1

Q2.1. Modify Q2 and use pass by reference.

Q3. Find how many even and odd numbers we have in the following array set, using function (pass by reference). {5, 2, 9, 23, 3, 22, 100, 45}

Sample Output

Total even numbers: 3
Total odd numbers: 5

Q4. Create a function that returns the sum of all positive elements from the following array set and print the sum if it is more than 10.
{ -0.9 , 4.5 , 6.8 , -4.9 , 0.01 }

Q5. Write a program that copies the elements of array A { {1.1 , 2.2 , 3.3}, {0.5 , 5.4 , 2.9 } } to array B, except that values greater than 3 should be replaced with 0.

Q6. Find how many positive and negative numbers we have in the following array set, using function (pass by reference).
{8.3, -4.2, 5, -0.1, 0.7, 49., -2.9, 5.3}.