



United International University
Department of Computer Science and Engineering
CSE 1112 Structured Programming Language Laboratory
Section B
Spring 2021
Lab 3(Home)

1. Write a program that will take 10 positive integers into an array A. Now find all the integers that are divisible by 3 and replace them by -1 in array A. Finally show all elements of array A.

Sample Input:

Enter the numbers: 9 11 34 23 16 15 2 37 89 54

Sample Output:

-1 11 34 23 16 -1 2 37 89 -1

2. Write a program that will take 10 integers into an array A, and then copy all numbers in reverse order from array A to another array B. Finally show all elements of both array A and B.

Sample Input:

Enter the numbers: 9 11 34 23 16 15 2 37 89 54

Sample Output:

Array A: 9 11 34 23 16 15 2 37 89 54

Array B: 54 89 37 2 15 16 23 34 11 9

1. Write a program that will take n integers into an array, and then search a number into that array. If found then print its index. If not found then print "NOT FOUND".

Sample Input:

How many numbers?10

Enter the numbers: 9 11 34 23 16 15 2 37 89 54

Enter the search key: 23

Sample Output:

Found at position 3

2. Write a program in C to count the frequency of each element of an array of size 15(Assume the elements can be from 0 to 9).

Sample Input:

Enter the numbers: 5 8 0 1 2 4 7 5 8 8 6 5 3 2 1

Sample Output:

The frequencies of the numbers are: 1 2 2 1 1 3 1 1 3 0