

BRAC University
Department of Computer Science and Engineering
CSE110 (Programming Language-I)

This week we will not be starting any new topics. Instead, we will continue working on the array problems from last week, and a few additional problems. First finish this lab and then problems you still have incomplete from the previous lab.

Task 1

Write a java program that would input three numbers from the user and print sum, then the first number, then the 2nd number followed by 3rd number. If user enters 10, 20, 30. Then output should be 60, 10, 20, and 30.

Task 2

Write a java program that reads 10 numbers from the user. The program then reads a number between 0 to 9, and shows the number at the corresponding index number. For instance, if the array is a and the user enters 3, your program should print the value a[3].

Task 3

Write a java program that reads 10 numbers from the user and prints the first odd number in the list.

Task 4

Write a java program that reads 10 numbers from the user and prints the first even number in the list.

Task 5

Write a java program that reads 10 numbers from the user and prints the last odd number in the list.

Task 6

Write a java program that reads 10 numbers from the user and prints the last even number in the list.

Task 7

Write a program which reads 5 numbers into an array and prints the largest number. If the user enters 7, 13, 2, 10, 6 then your program should print 13.

Task 8

Write a program which reads 5 numbers into an array and prints the largest number and its location in the array.

If the user enters 7, 13, 2, 10, 6 then your program should print “largest number 13 was found at location 1”.

Task 9

Write a program which reads 5 numbers into an array and prints the smallest and largest number and their location in the array.

If the user enters 7, 13, -5, 10, 6 then your program should print

“Smallest number -5 was found at location 2”.

“Largest number 13 was found at location 1”.

Task 10

Write a program which reads 5 numbers into an array, sorts/arranges the numbers from low to high and prints all numbers in the array.

If the user enters 7, 13, 2, 10, 6 then your program should print 2, 6, 7, 10, and 13.

Task 11

Write a program which reads 5 numbers into an array, sorts/arranges the numbers from high to low and prints all numbers in the array.

If the user enters 7, 13, 2, 10, 6 then your program should print 13, 10, 7, 6, 2.