

Computer Organization and Assembly Language Lab

Fall 2020 Lab-5

1. Write an assembly program that inputs five numbers in an array and prints them on screen.
2. Write a program that input 10 numbers and find the Max and Min value.
3. Write a program that copy 1st array in 2nd with reverse order and display the reversed array.
4. Write an assembly program that takes eight numbers as input then asks the user for his choice:
 - o If user enters 'A', it prints first four numbers.
 - o If user enters 'B', it prints last four numbers.
5. Write a program that performs the operations specified below:
 - Input six numbers between 0-9 in an array.
 - Sort the array in **ascending order**
 - Print the sorted array on screen.
6. Write a program which initializes Array with some numbers. Ask user for a number to be searched for in Array.

A) **If number found at specific Index == True**

Add 2 at that Specific Index

B) **Else if number found at specific Index == False**

Add 3 at that Specific Index

C) Print the Updated Array

7. Write a program that input n numbers in the array, ask the user again to a enter value; check that how many times that value occur.
8. Write a program that reads a list of numbers n and displays largest, second largest and third largest.
9. Write a program that have a square of number in the next index of the array and display it on the console e.g. 1 1 2 4 3 9
4 16