

DAILY ONLINE ACTIVITIES SUMMARY

Date:	24/06/2020	Name:	Divya C H
Sem & Sec	8 th Sem	USN:	4AL16CS033
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	C programming for beginners – Master the C Fundamentals		
Certificate Provider	udemy.com/	Duration	11 hrs
Coding Challenges			
Problem Statement: 1) Write a C Program to merge two Sorted arrays			
Status: Completed			
Uploaded the report in Github		Yes	
If yes Repository name		Daily_report	
Uploaded the report in slack		yes	

Online Test Details:

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Certification Course Details:

Udemy | C Programming for Beginners - Master the C Fundamentals

Challenge

Write a program that gets 3 numbers and find out the **maximum** and **minimum** between them

Course content

- ☒ 48. Challenge #3 - min & max among 3 numbers (2min)
- ☐ 49. Challenge #3 - Solution (10min)
- ☐ 50. Control Flow - Moving Forward! (7min)
- ☐ 51. Moving Forward - in C Language (4min)
- ☐ 52. Logical Operators - General Concept (11min)
- ☐ 53. Logical Operators in C Programming Language (7min)
- ☐ 54. Switch Case + FULL Example (17min)
- ☐ 55. Milestone - Intermediate Calculator (using Switch Case) (3min)

About this course

Master the Fundamentals of Programming in C Programming Language

Coding Challenges Details:

Program 1:

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
int merge_two_sorted_arrays(int arr1[], int arr2[], int arr3[], int m, int n)
```

```
{
```

```
    int i,j,k;
```

```
i = j = k = 0;
for(i=0;i < m && j < n;)
{
    if(arr1[i] < arr2[j])
    {
        arr3[k] =arr1[i];

        k++;

        i++;
    }
    else
    {
        arr3[k] =arr2[j];

        k++;

        j++;
    }
}
while(i < m)
{
    arr3[k] =arr1[i];

    k++;

    i++;
```

```
}  
  
while(j < n)  
{  
    arr3[k] = arr2[j];  
    k++;  
    j++;  
}  
}  
  
int main()  
{  
    int n,m;  
    printf("\nEnter the size of Array 1 :");  
    scanf("%d",&m);  
    printf("\nEnter the size of Array 2 :");  
    scanf("%d",&n);  
    int arr1[m],arr2[n];  
    int arr3[m+n];  
    int i;  
    printf("\nInput the Array 1 elements : ");  
    for(i = 0; i < m; i++)  
    {
```

```
        scanf("%d",&arr1[i]);  
    }  
    printf("\nInput the Array 2 elements : ");  
    for(i = 0;i<n;i++)  
    {  
        scanf("%d",&arr2[i]);  
    }  
    merge_two_sorted_arrays(arr1,arr2,arr3,m,n);  
    printf("\nThe Merged Sorted Array : ");  
    for(i = 0; i < n + m; i++)  
    {  
        printf("%d ",arr3[i]);  
    }  
    printf("\n");  
    return 0;  
}
```

