

DAILY ONLINE ACTIVITIES SUMMARY

Date:	24/06/2020	Name:	Deepa
Sem & Sec	8th Sem	USN:	4AL16CS029
Online Test Summary			
Subject	- -		
Max. Marks	- -	Score	- -
Certification Course Summary			
Course	Complete Python 3 course for Beginners		
Certificate Provider	udemy.com/	Duration	18 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:

✓ 138. Custom legend

▶ 4min

Section 14: Project #10 - Speech



Recognition & AI

9 / 9 | 1hr 25min

✓ 139. Introduction to machine learning

▶ 6min

✓ 140. Feedback sounds with PyAudio

▶ 13min

✓ 141. Recognizing our speech

▶ 7min

✓ 142. Making our program speak back

▶ 5min

✓ 143. Parsing speech

▶ 13min

✓ 144. Making our AI useful

▶ 6min

✓ 145. Creating the illusion of consciousness

▶ 15min

✓ 146. Speaking from it's own brain

▶ 10min

✓ 147. Getting more answers

▶ 9min



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;

}
```