DAILY ONLINE ACTIVITIES SUMMARY

Date:	25-06-2020		Name:	Nayan. P. Joshi
Sem & Sec	8th Sem A		USN:	4AL16CS058
Online Test Summary				
Subject	SMS			
Max. Marks	30		Score	No Mail Received
Certification Course Summary				
Course	Front end Development - HTML			
Certificate Provider	Great learning academy		Duration	6hrs
Coding Challenges				
Problem Statement: C Program merge the elements of 2 sorted array.				
Status: Solved				
Uploaded the report in GitHub			yes	
If yes Repository name			nayan1998	
Uploaded the report in slack			yes	

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▶	8. Anchor Tag	6m	✓
🗐	Anchor Tag	Evaluation Pending	
▶	9. Absolute and Relative path	8m	✓
⚡	Absolute and Relative path	Your Score: 1/1	
▶	10. Link it Online	8m	✓
⚡	Link it online	Your Score: 1/1	
▶	11. Image Tag	6m	✓
🗐	Image Tag	Evaluation Pending	
▶	12. Alt Attribute	3m	✓
▶	13. Clickable Image-2	2m	✓

Type here to search   ○   ▭   🗐   ◎   🖥   ⬛   ∧ 📶 🔋 🔇 ENG   12:17 PM 25-06-2020

C Program merge the elements of 2 sorted array.

```c
#include <stdio.h>
void main()
{

    int array1[50], array2[50], array3[100], m, n, i, j, k = 0;
    printf("\n Enter size of array Array 1: ");
    scanf("%d", &m);

    printf("\n Enter sorted elements of array 1: \n");
    for (i = 0; i < m; i++)
    {
        scanf("%d", &array1[i]);
    }

    printf("\n Enter size of array 2: ");
    scanf("%d", &n);

    printf("\n Enter sorted elements of array 2: \n");
    for (i = 0; i < n; i++)
    {
        scanf("%d", &array2[i]);
    }

    i = 0;
    j = 0;

    while (i < m && j < n)
    {
        if (array1[i] < array2[j])
```

```
      {
         array3[k] = array1[i];
         i++;
      }

      else
      {
         array3[k] = array2[j];
         j++;
      }
      k++;
   }

   if (i >= m)
   {
      while (j < n)
      {
         array3[k] = array2[j];
         j++;
         k++;
      }
   }

   if (j >= n)
   {
      while (i < m)
      {
         array3[k] = array1[i];
         i++;
         k++;
      }
```

```c
    }

    printf("\n After merging: \n");
    for (i = 0; i < m + n; i++)
    {
        printf("\n%d", array3[i]);
    }

}
```