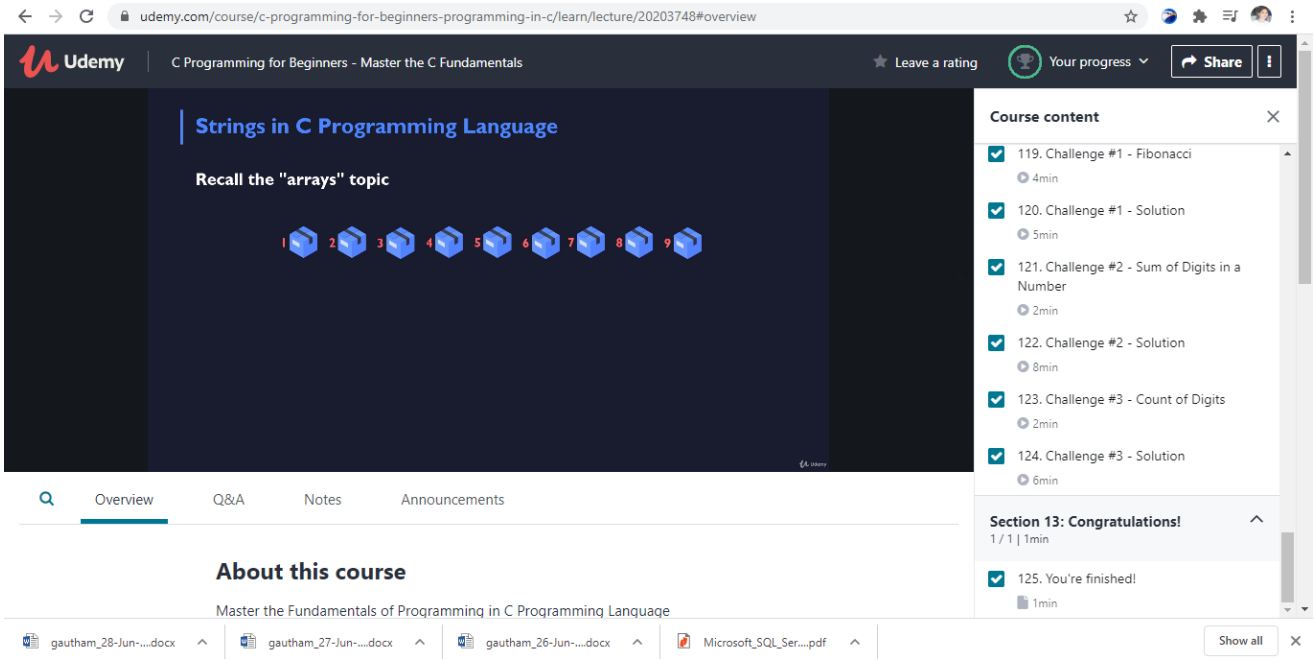
DAILY ONLINE ACTIVITIES SUMMARY

Date:	**27/06/2020**	**Name:**	**Divya C H**
Sem & Sec	**8th 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**	**10 hrs**
Coding Challenges			
Problem Statement: 1) Write a C program to find largest palindrome in given array			
Status: Completed			
Uploaded the report in Github	**Yes**		
If yes Repository name	**Daily_report**		
Uploaded the report in slack	**yes**		

Online Test Details:

- -

Certification Course Details:



Coding Challenges Details:

Program 1:

```
#include<stdio.h>


int check_palindrome(int n)

{

   int div = 1;
```

```
    while(n / div >= 10)
        div *= 10;

    while (n != 0)
    {
        int first = n / div;
        int last = n % 10;

        // If first and last digits are not same then return false
        if (first != last)
            return -1;

        // Removing the leading and trailing digits from the number
        n = (n % div) / 10;

        // Reducing divisor by a factor of 2 as 2 digits are dropped
        div = div / 100;
    }
    return 1;
}
int large_palindrome(int A[], int n)
```

```
{
   int i;
   // Sort the array
   for(int i=0; i<=n; i++)
   {
      for(int j=i; j<= n; j++)
      {
         if(A[i] >A [j])
         {
            int temp = A[i];
            A[i] = A[j];
            A[j] = temp;
         }
      }
   }

   for(int i=0; i<n; i++)
   {
      printf("%d ", A[i]);
   }
```

```
    for (i=n-1; i >= 0; i--)
    {
        if (check_palindrome(A[i]) == 1)
            return A[i];
    }
    return -1;
}
int main()
{
    inta[15], n, i;
    printf("Enter the number of entries: \n");
    scanf("%d", &n);
    printf("Enter the elements: \n");
    for(i=0; i<n; i++)
        scanf("%d", &a[i]);
    printf("\n Largest Palindrome: %d\n", large_palindrome(a, n));
    return 0;
}
```