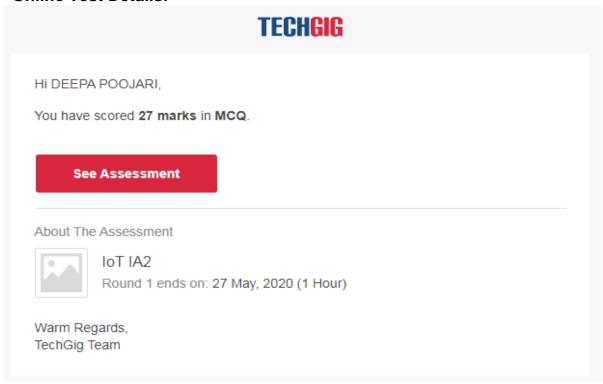
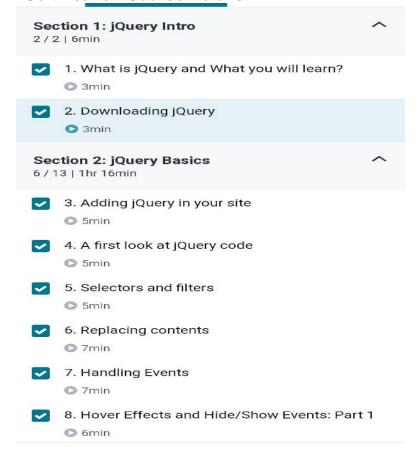
DAILY ONLINE ACTIVITIES SUMMARY

Date:	27/5/2020		Name:	Deepa				
Sem & Sec	8 th Sem		USN:	4AL16CS029				
Online Test Summary								
Subject	Internet of Things							
Max. Marks	30		Score	27				
Certification Course Summary								
Course jQuery for Absolute Beginners : From Beginning to Advanced								
Certificate Provider		greatlearning.in	Duration		2 hrs			
Coding Challenges								
Problem Statement: Write a C Program to sort an array of integers in ascending order and display the sorted array and Number of passes performed for sorting.								
Status: Completed								
Uploaded t	he repor	t in Github	Yes					
If yes Repo	sitory n	ame	Daily_report					
Uploaded the	he report	in slack	yes					

Online Test Details:



Certification Course Details:



Coding Challenges Details:

Program 1:

```
#include <stdio.h>
#define MAXSIZE 10
void main()
  int array[MAXSIZE];
  int i, j, num, temp,c1=0,c2=0;
  printf("Enter the value of num \n");
  scanf("%d", &num);
  printf("Enter the elements one by one \n");
  for (i = 0; i < num; i++)
  {
    scanf("%d", &array[i]);
 }
  printf("Input array is \n");
  for (i = 0; i < num; i++)
  {
    printf("%d\t", array[i]);
 }
  for (i = 0; i < num; i++)
    for (j = 0; j < (num - i - 1); j++)
    {
```

```
if (array[j] > array[j + 1])
        temp = array[j];
        array[j] = array[j + 1];
        array[j + 1] = temp;
        c1++;
      }
                                         else
                                                c2++;
    }
 }
  printf("\nSorted array is...\n");
  for (i = 0; i < num; i++)
 {
    printf("%d\t", array[i]);
  }
                             printf("\nTotal Number of passes is : %d\n",c1+c2);
                             printf("No of passes the values were swaped: %d\n",c1);
                             printf("No of passes the values were already sorted : %d\
n",c2);
}
```