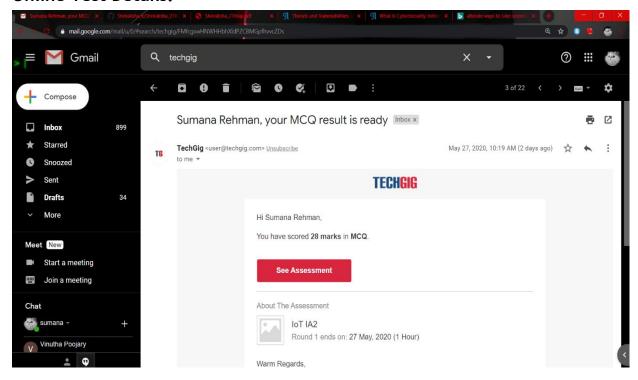
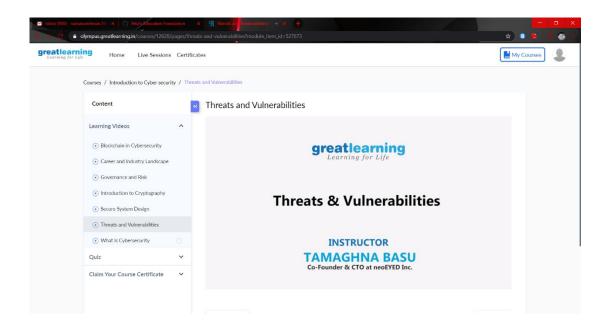
DAILY ONLINE ACTIVITIES SUMMARY

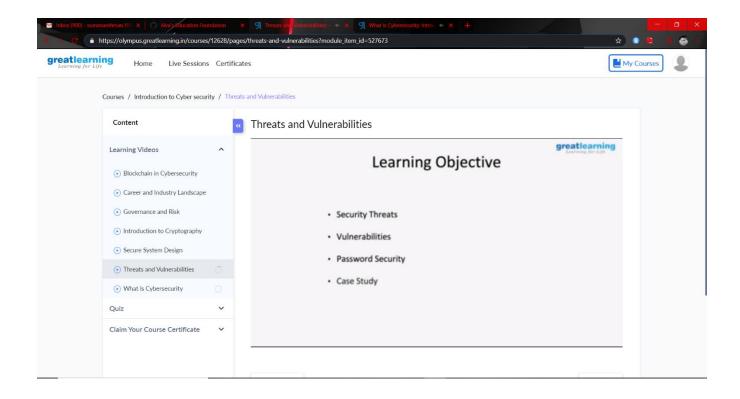
27/5/2020		Name:	Sumana				
8 th Sem B		USN:	4AL16CS107				
Online Test Summary							
Subject IOT							
30		Score 28					
Certification Course Summary							
Course Introduction to Cyber Security							
	greatlearning.in	Duration		7 hrs			
Coding Challenges							
ProblemStatement: write a c program to sort an array of integers in ascending order and display the sorted array and number of passes performed for sorting							
Status: Completed							
Uploaded the report in Github			Yes				
If yes Repository name			Alvas-education-foundation/Sumana				
Uploaded the report in slack							
	8th Sem IOT 30 Introdu atement rder and apleted he repo	Online Tes Online Tes IOT Certification Co Introduction to Cyber Secu greatlearning.in Coding Co atement: write a c program rder and display the sorted are reported in Github sitory name	Online Test Summary Online Test Summary IOT Solution Score Certification Course Summ Introduction to Cyber Security greatlearning.in Duration Coding Challenges Attement: write a c program to sort an arrived and display the sorted array and number pleted The report in Github Yes Sitory name Alvas-eduction	Online Test Summary Online Test Summary IOT Solution Score 28 Certification Course Summary Introduction to Cyber Security greatlearning.in Duration Coding Challenges Atement: write a c program to sort an array of integrated array and number of particle and display the sorted array and number of particle and display the sorted array and number of particle array array array array and number of particle array and number of particle array			

Online Test Details:



Certification Course Details:





Coding Challenges:

```
#include
void swap(int *xp, int *yp)
{
     int temp = *xp;
     *xp = *yp;
     *yp = temp;
}
int bubbleSort(int arr[], int n)
     int i, j,count=0;
     int swapped;
     for (i = 0; i < n-1; i++)
          swapped = 0;
          for (j = 0; j < n-i-1; j++)
          if (arr[j] > arr[j+1])
              swap(&arr[j], &arr[j+1]);
              swapped = 1;
              count++;
           }
          if (swapped == 0)
```

```
break;
     return count;
}
void printArray(int arr[], int size)
           int i;
           for (i=0; i < size; i++)
               printf("%d ", arr[i]); printf("\n");
}
int main()
           int arr[50], num;
           printf("enter the number of elements");
           scanf("%d",&num);
           printf("enter the elements");
           for(int i=0;i<num;i++)</pre>
              scanf("%d",&arr[i]);
           int c=bubbleSort(arr, num);
           printf("Sorted array: \n");
           printArray(arr, num);
           printf("Number of passes:%d\n",c);
           return 0;
}
```