DAILY ONLINE ACTIVITIES SUMMARY

Date:	**3/06/2020**	**Name:**	**Nagashree D**
Sem & Sec	**8th A**	**USN:**	**4AL16CS055**

Online Test Summary

Subject	**-**		
Max. Marks	**-**	**Score**	**-**

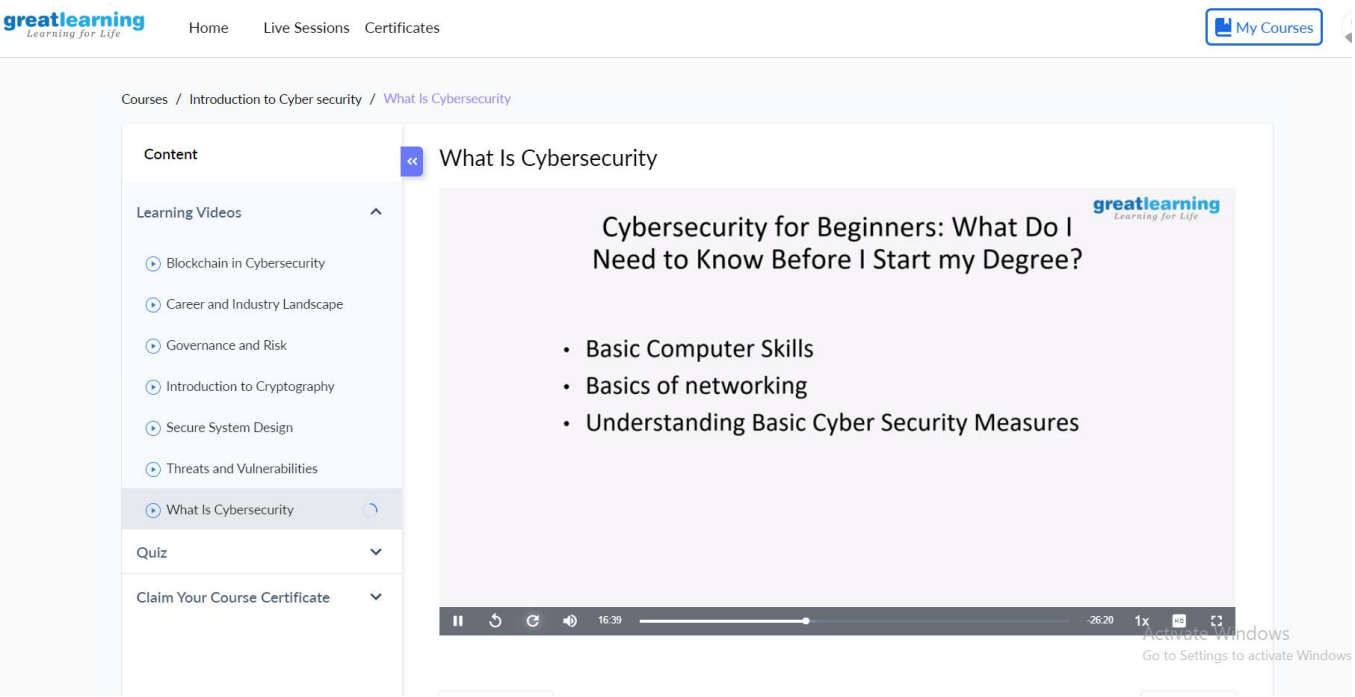
Certification Course Summary

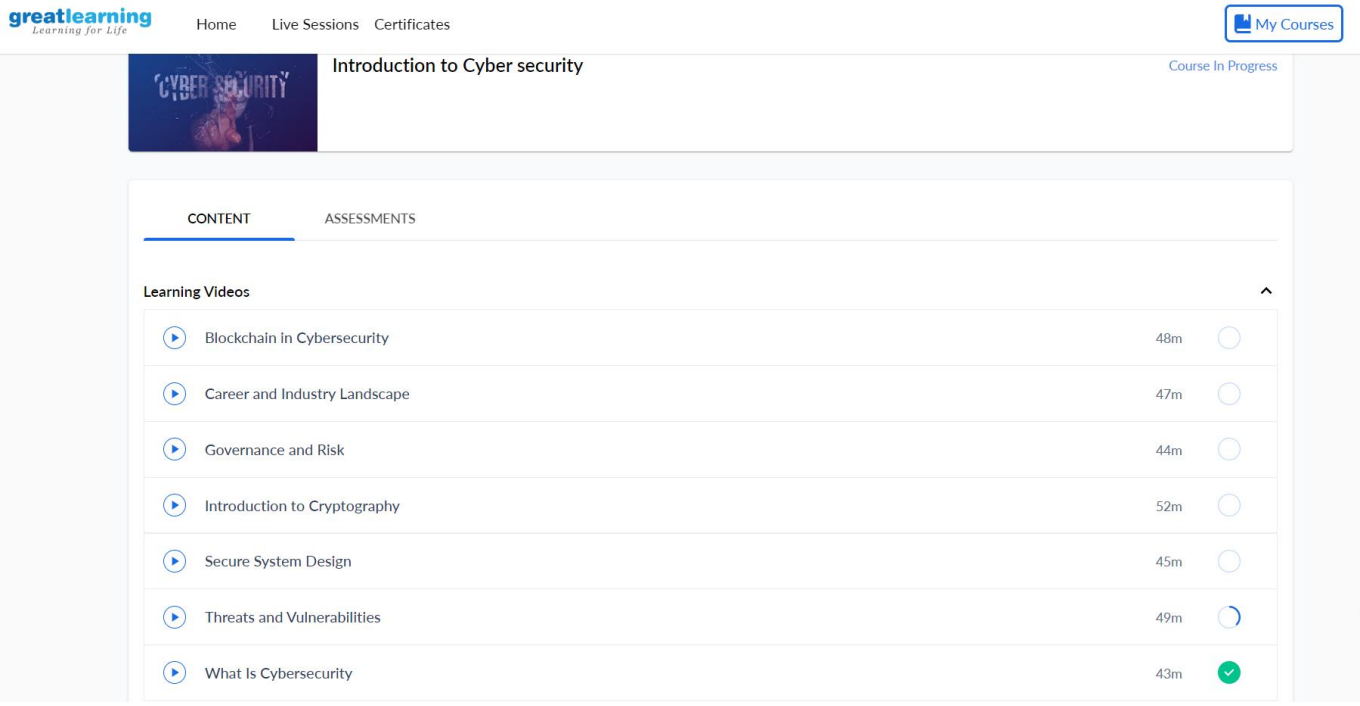
Course	**Ethical hacking**		
Certificate Provider	**Great learning Academy**	**Duration**	**7hr**

Coding Challenges

Problem Statement: **Program to convert Binary to Octal**	
Status: Solved	
Uploaded the report in Github	**Yes**
If yes Repository name	**Nagashreed**
Uploaded the report in slack	**Yes**

Certification Course Details





Coding Challenges Details:

```
#include <stdio.h>
#include <math.h>
int binaryToOctal(long binarynum)
{
   int octalnum = 0, decimalnum = 0, i = 0;
   while(binarynum != 0)
   {
      decimalnum = decimalnum + (binarynum%10) * pow(2,i);
      i++;
      binarynum = binarynum / 10;
   }
   i = 1;
   while (decimalnum != 0)
   {
      octalnum = octalnum + (decimalnum % 8) * i;
      decimalnum = decimalnum / 8;
      i = i * 10;
   }

   return octalnum;
}
int main()
{
   long binarynum;
```

```
    printf("Enter a binary number: ");
    scanf("%ld", &binarynum);
    printf("Equivalent octal value: %d", binaryToOctal(binarynum));

    return 0;
}
```