DAILY ONLINE ACTIVITIES SUMMARY

Date:	**10/07/2020**	**Name:**	**Mithun Kumar D**
Sem & Sec	**VIII Semester & A section**	**USN:**	**4AL16CS053**

Online Test Summary

Subject	**N/A**		
Max. Marks	**-**	**Score**	**-**

Certification Course Summary

Course	**Introduction to R language tutorial.**		
Certificate Provider	**Great learning Academy**	**Duration**	**3 hours**

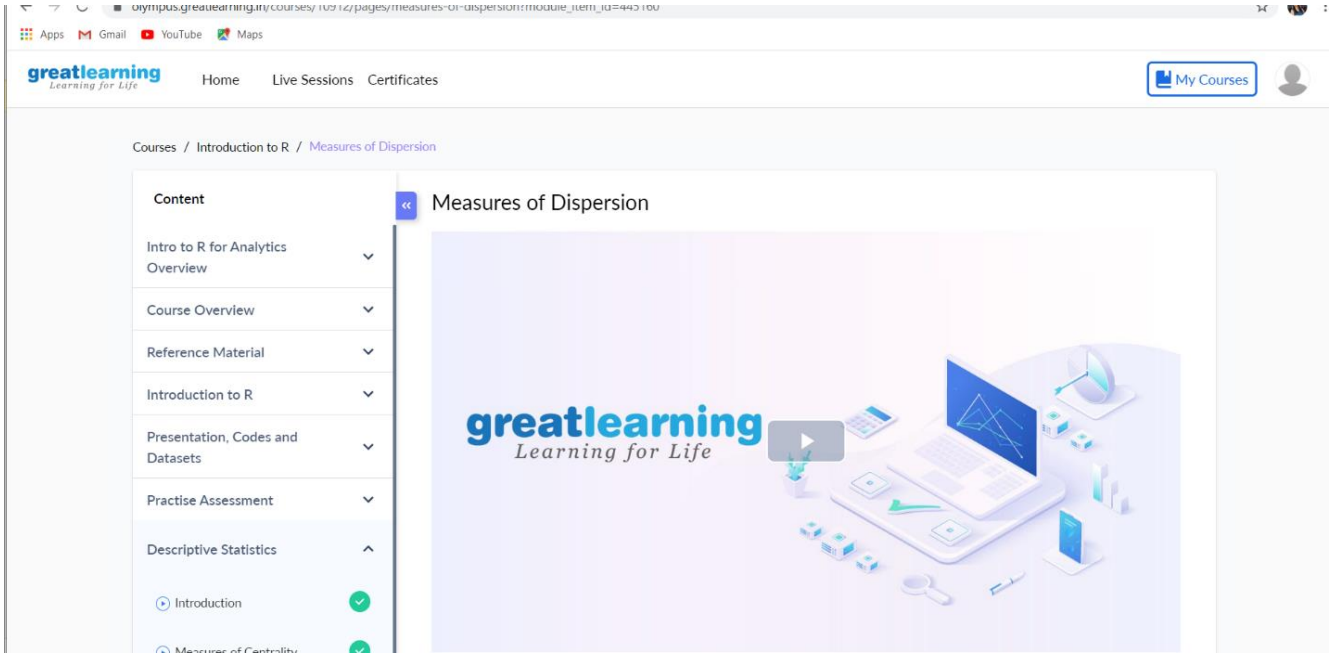
Coding Challenges

Problem Statement: To check Armstrong number.

Status: COMPLETED

Uploaded the report in Github	**YES**
If yes Repository name	**mkd18**
Uploaded the report in slack	**YES**

Certification Course Details:



Coding Challenges Details:

Program: To check Armstrong number.

```
#include<stdio.h>
int main()
{
  int num,copy_of_num,sum=0,rem;

  //Store input number in variable num
  printf("\nEnter a number:");
  scanf("%d",&num);

  /* Value of variable num would change in the
     below while loop so we are storing it in
     another variable to compare the results
     at the end of program
  */
  copy_of_num = num;

  /* We are adding cubes of every digit
   * and storing the sum in variable sum
   */
  while (num != 0)
  {
     rem = num % 10;
     sum = sum + (rem*rem*rem);
     num = num / 10;
  }

  /* If sum of cubes of every digit is equal to number
   * itself then the number is Armstrong
   */
  if(copy_of_num == sum)
     printf("\n%d is an Armstrong Number",copy_of_num);
  else
     printf("\n%d is not an Armstrong Number",copy_of_num);
  return(0);
}
```

Output:

```
Enter a number: 370
370 is an Armstrong Number
```

You can verify the result like this:

```
370 = 3*3*3 + 7*7*7 + 0*0*0
    = 27 + 343 + 0
    = 370
```