

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:

olympus.greatlearning.it/courses/10212/pages/measure-of-dispersion/module_item_id=443100

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Content

- Intro to R for Analytics Overview
- Course Overview
- Reference Material
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- Presentation, Codes and Datasets
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 - Introduction
 - Measures of Central Tendency
 - Measures of Dispersion

Measures of Dispersion



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
```