

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	18/06/2020	<b>Name:</b>	Prajwal
<b>Sem &amp; Sec</b>	IV sem & B sec	<b>USN:</b>	4AL18CS057
<b>Online Test Summary</b>			
<b>Subject</b>	Microcontrollers And Embedded System		
<b>Max. Marks</b>	-----	<b>Score</b>	-----
<b>Certification Course Summary</b>			
<b>Course</b>	Python For Data Science		
<b>Certificate Provider</b>	COGNITIVE CLASS	<b>Duration</b>	12 hours
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1. Write a c program to generate first N magic numbers.			
<b>Status:</b> Done			
<b>Uploaded the report in Github</b>		YES	
<b>If yes Repository name</b>		<a href="https://github.com/PRAJWALKOTIAN/lockdown-coding">https://github.com/PRAJWALKOTIAN/lockdown-coding</a>	
<b>Uploaded the report in slack</b>		YES	

### **Online test details**

No test was conducted dated on 18 june 2020.

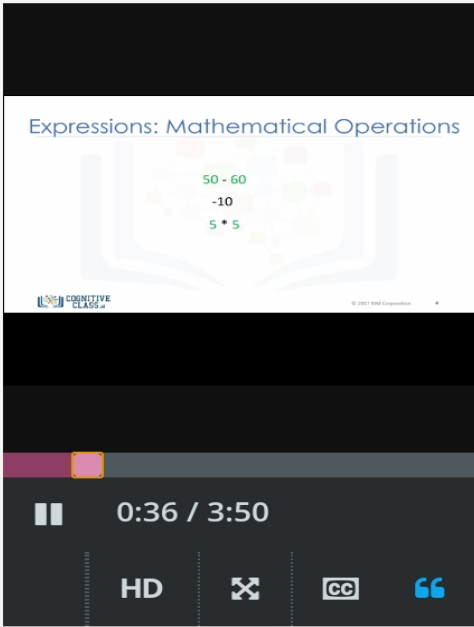
## Certification Course Details

The course I have chosen is python for data science in this I studied basics of expressions and variables.

4G 6:14 122 KB/s

Voice 4G 28%

### Expressions and Variables (3:50)



sign. In this case, the result is a negative number.

**We can perform multiplication operations using the asterisk. The result is 25.**

In this case the operands are given by – and \*.

We can also

#### Video

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#### Transcripts

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[Download Text \(.txt\) file](#)

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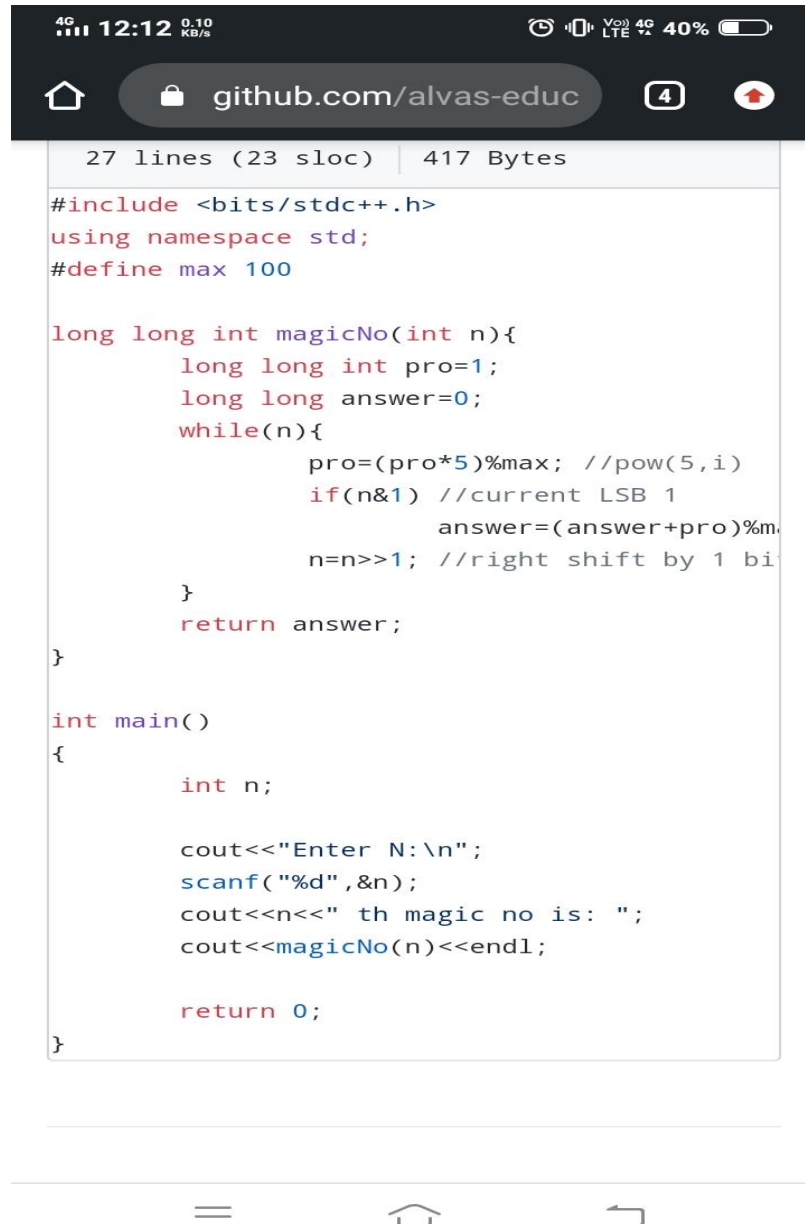
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## Coding Challenges Details

The bellow given codes are there on my github repository <https://github.com/PRAJWALKOTIAN/lockdown-coding>

1. Write a c program to generate first N magic numbers.

A screenshot of a mobile browser interface. At the top, the status bar shows '4G', '12:12', '0.10 KB/s', 'LTE', and '40%' battery. The browser address bar shows 'github.com/alvas-educ'. Below the address bar, there's a header for a file: '27 lines (23 sloc) | 417 Bytes'. The main content area displays a C++ program. The code defines a function 'magicNo' that calculates the magic number for a given 'n' by multiplying by 5 and taking modulo 100, then shifting right by 1 bit. The 'main' function prompts the user to enter 'N' and prints the result. The bottom of the screen shows a mobile navigation bar with icons for menu, home, and back.

```
27 lines (23 sloc) | 417 Bytes

#include <bits/stdc++.h>
using namespace std;
#define max 100

long long int magicNo(int n){
    long long int pro=1;
    long long answer=0;
    while(n){
        pro=(pro*5)%max; //pow(5,i)
        if(n&1) //current LSB 1
            answer=(answer+pro)%max;
        n=n>>1; //right shift by 1 bit
    }
    return answer;
}

int main()
{
    int n;

    cout<<"Enter N:\n";
    scanf("%d",&n);
    cout<<n<<" th magic no is: ";
    cout<<magicNo(n)<<endl;

    return 0;
}
```