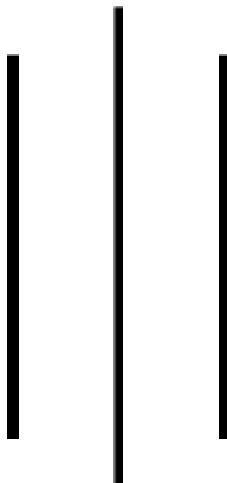


# **PATAN MULTIPLE CAMPUS**

Patan Dokha, Lalitpur



Assignment on : C Programming (CSC115)

Assignment No. : 1

Submitted by :

Name : Sumit Kumar Chaurasiya

Roll No. : 132

Section : D

Semester : I (2082 Batch)

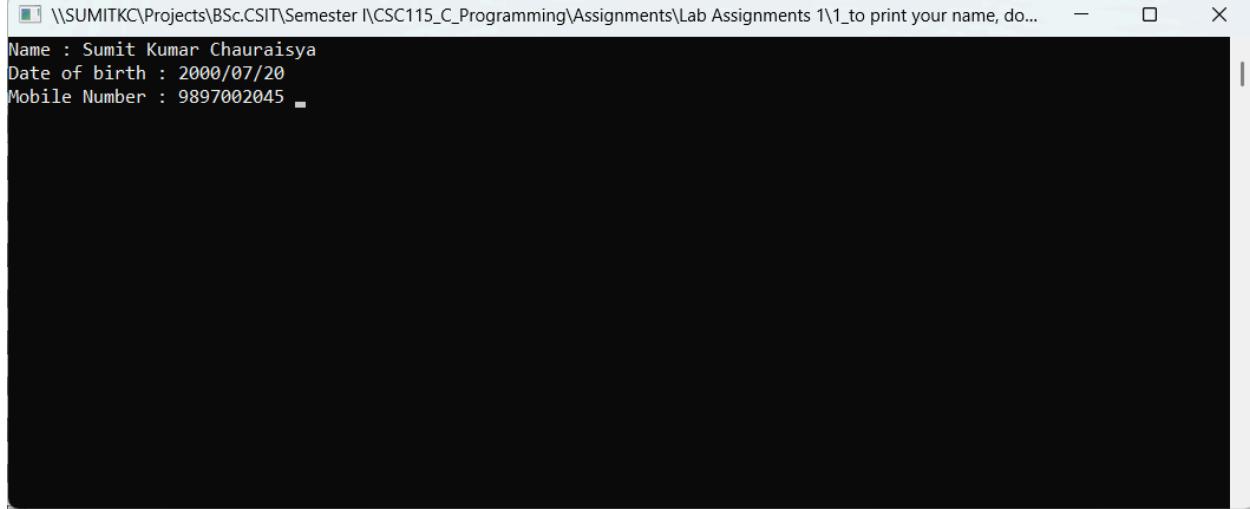
Submitted to :

Department of CSIT  
(C Programming)

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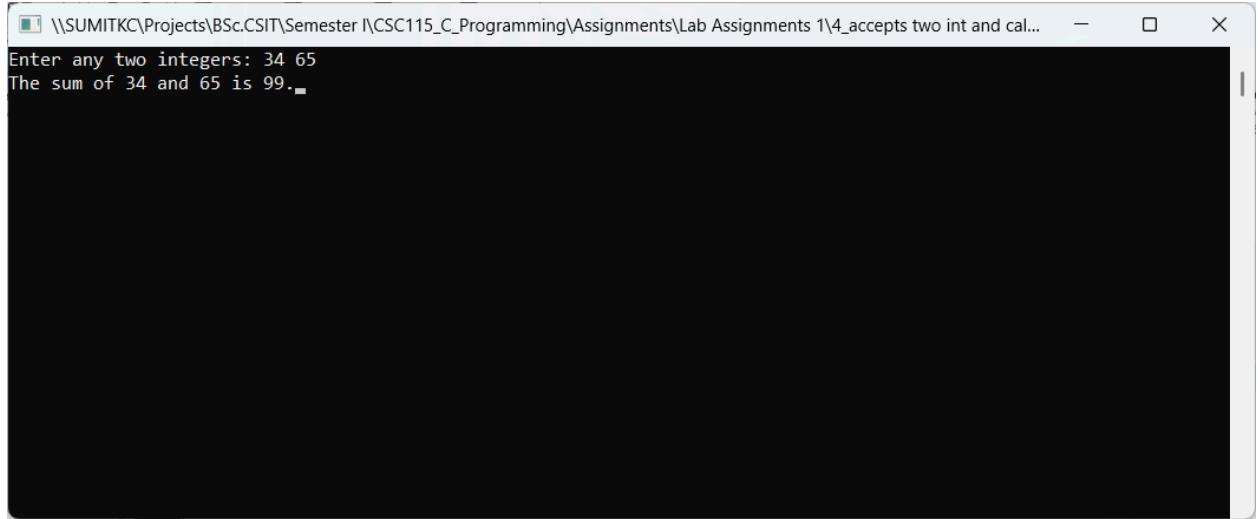


The screenshot shows a terminal window with a black background and white text. The title bar at the top reads: '\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115\_C\_Programming\Assignments\Lab Assignments 1\2\_to compute\_perimeter...'. The main area of the terminal contains two lines of output:

```
The perimeter of rectangle is 26.  
The area of rectangle is 40._
```

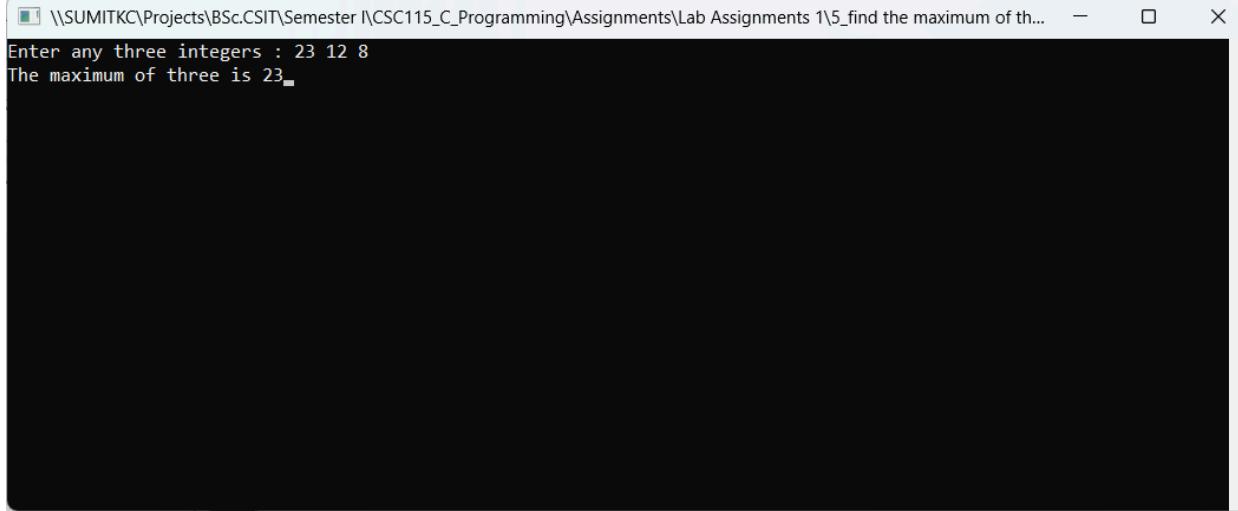
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\3\_to compute perimeter...

The perimenter of circle is 37.680000.  
The area of circle is 113.040001.



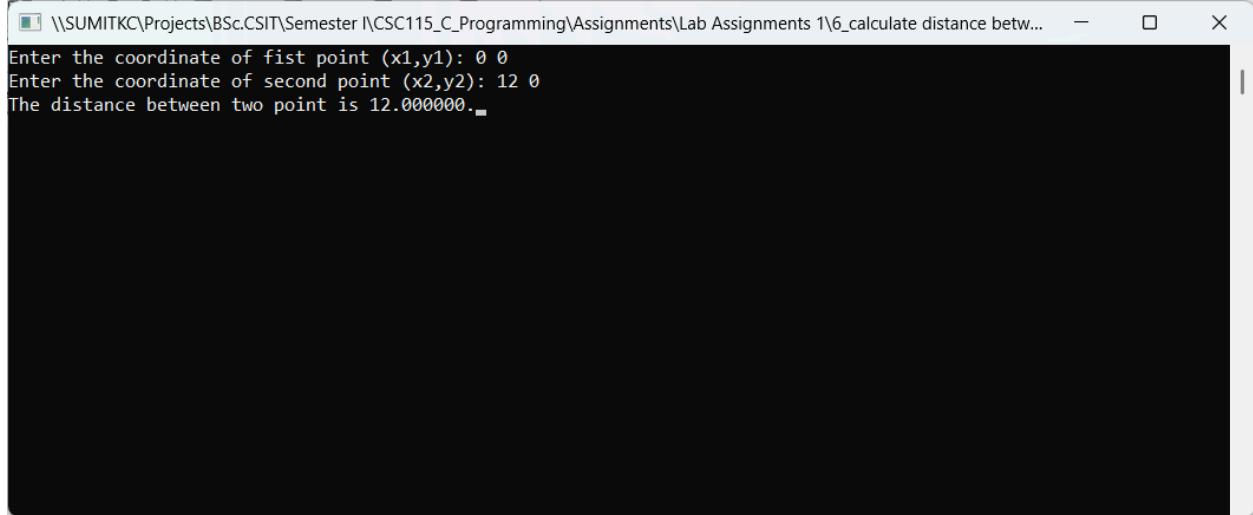
A screenshot of a terminal window titled 'SUMITKC\Projects\BSc.CSIT\Semester I\CSC115\_C\_Programming\Assignments\Lab Assignments 1\4\_accepts two int and cal...'. The window contains the following text:

```
Enter any two integers: 34 65
The sum of 34 and 65 is 99.
```



The screenshot shows a terminal window with the following text:

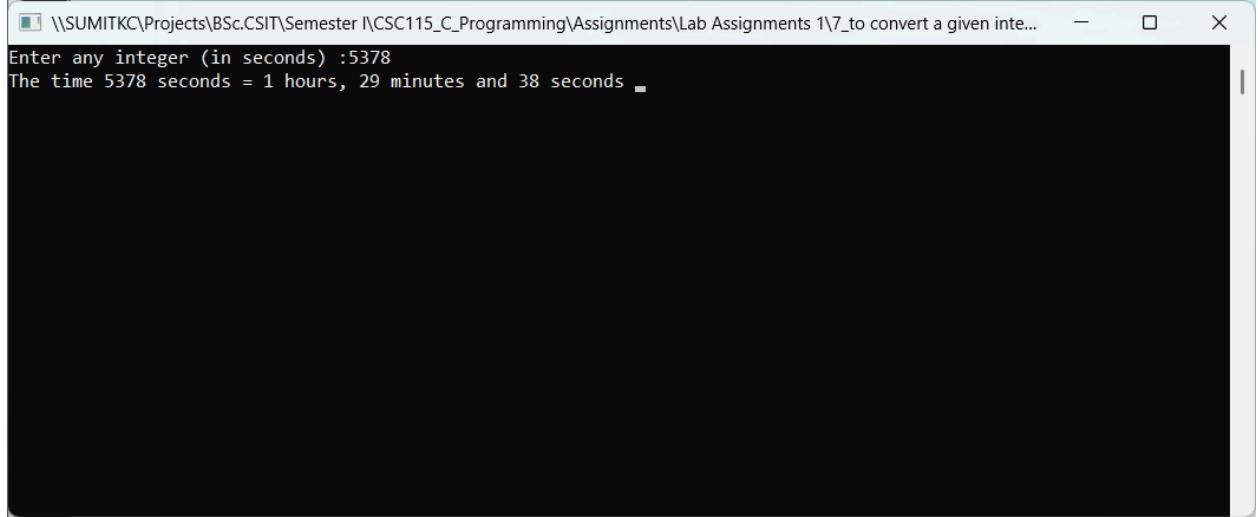
```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\5_find the maximum of th...
Enter any three integers : 23 12 8
The maximum of three is 23
```



The screenshot shows a terminal window with a black background and white text. At the top, the path is displayed: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\6\_calculate distance betw... . The window has standard operating system controls (minimize, maximize, close) in the top right corner.

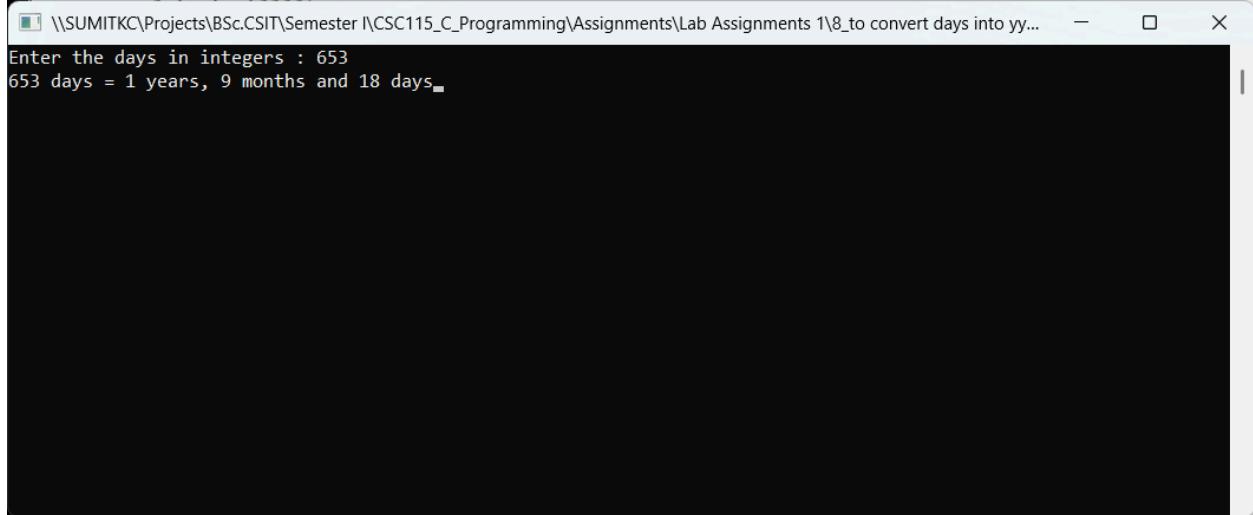
The program's output is as follows:

```
Enter the coordinate of fist point (x1,y1): 0 0
Enter the coordinate of second point (x2,y2): 12 0
The distance between two point is 12.000000.
```



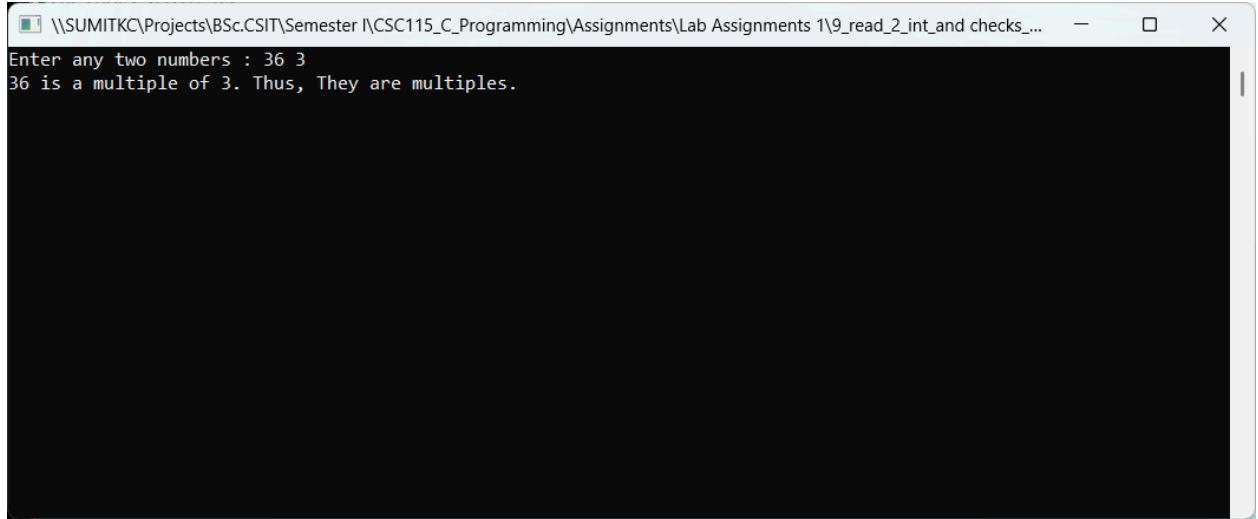
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\7\_to convert a given inte... - X

```
Enter any integer (in seconds) :5378
The time 5378 seconds = 1 hours, 29 minutes and 38 seconds
```



\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\8\_to convert days into yy... - X

```
Enter the days in integers : 653
653 days = 1 years, 9 months and 18 days
```



The image shows a screenshot of a terminal window with a black background and white text. At the top, there is a blue header bar with the path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\9\_read\_2\_int\_and checks... followed by standard window control icons (minimize, maximize, close).

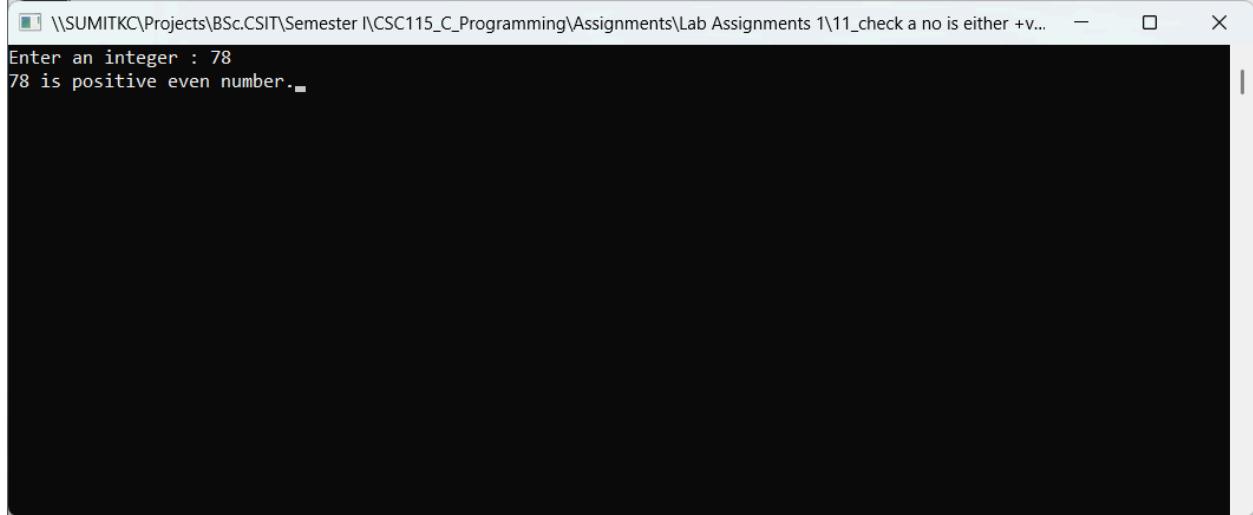
The terminal output consists of two lines of text:

```
Enter any two numbers : 36 3
36 is a multiple of 3. Thus, They are multiples.
```

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\10_reads_5_no_and_count... - X

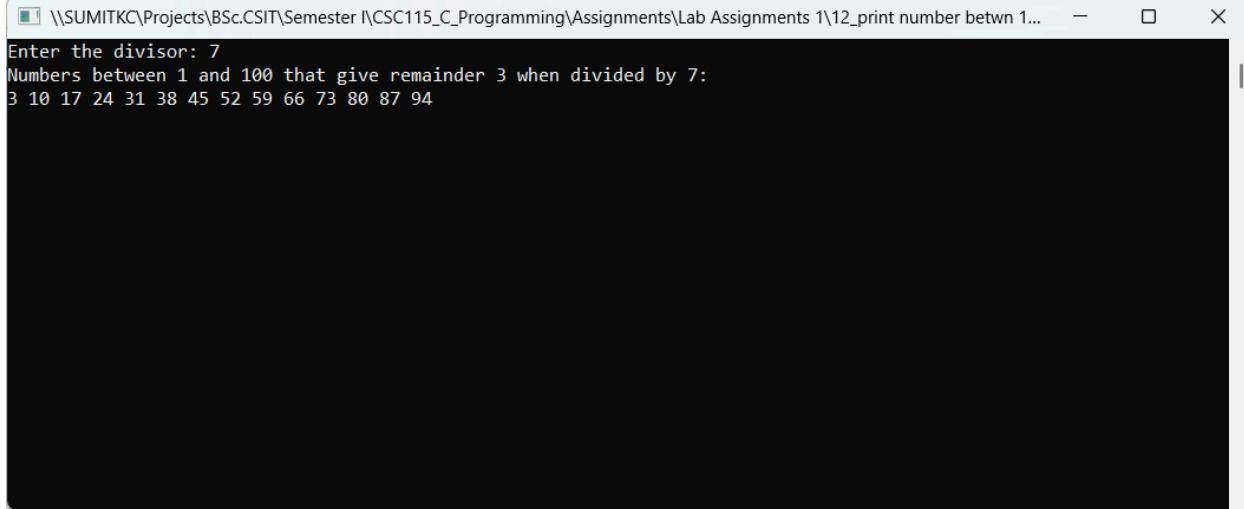
Enter any five numbers:
Enter number 1 : 2
Enter number 2 : 0
Enter number 3 : 9
Enter number 4 : -8
Enter number 5 : -4

Positive numbers = 2
Negative Numbers = 2
Zero = 1
```



The image shows a screenshot of a terminal window. The title bar at the top reads: '\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115\_C\_Programming\Assignments\Lab Assignments 1\11\_check a no is either +ve or -ve or zero.' The main window is black and contains white text. It displays the following interaction:

```
Enter an integer : 78
78 is positive even number.
```



\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\12\_print number betwn 1...

Enter the divisor: 7

Numbers between 1 and 100 that give remainder 3 when divided by 7:

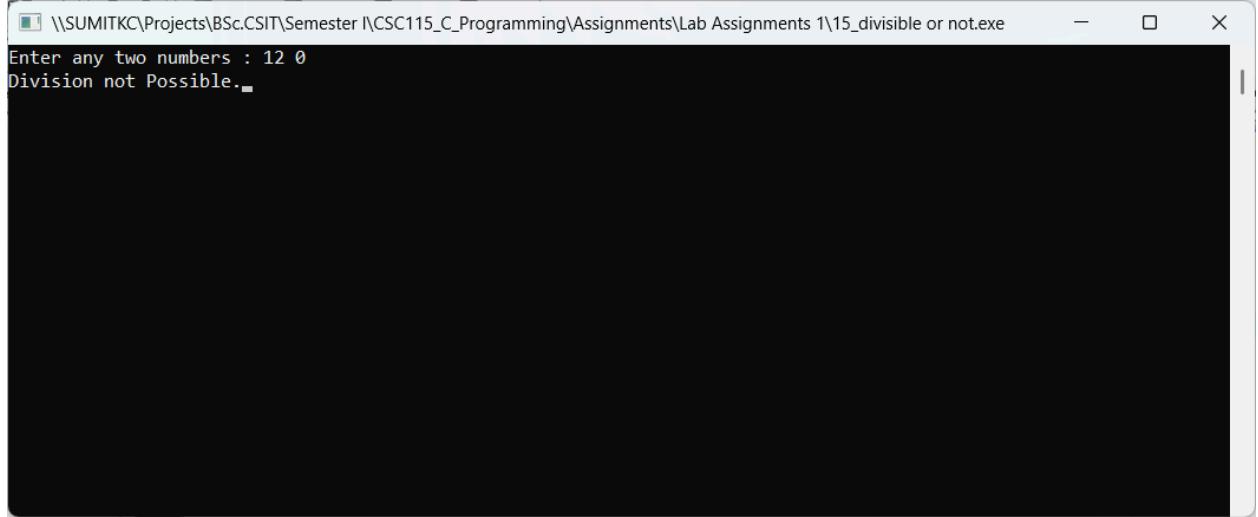
3 10 17 24 31 38 45 52 59 66 73 80 87 94

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\13_find_position of highe... — X
Enter the number of integers: 5
Enter integer 1: 32
Enter integer 2: 12
Enter integer 3: 98
Enter integer 4: 34
Enter integer 5: 67

Highest value = 98
Position = 3
```

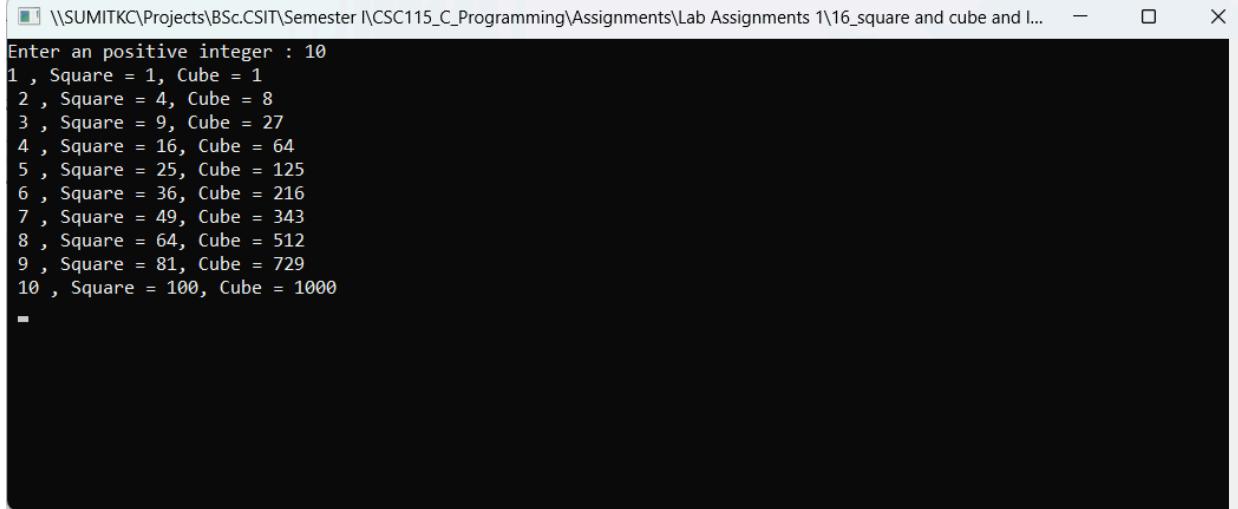
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\14\_print where x,y lies in... — X

Enter the coordinates x and y : -9 7  
(-9,7) lies in Second Quadrant.



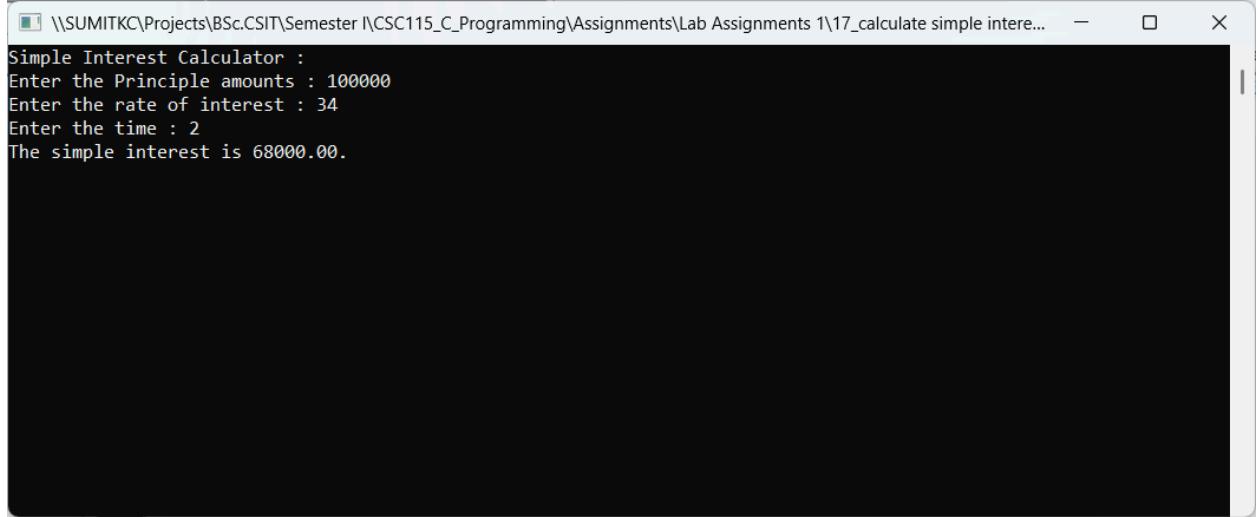
The screenshot shows a Windows command-line interface window. The title bar reads: '\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115\_C\_Programming\Assignments\Lab Assignments 1\15\_divisible or not.exe'. The main area of the window contains the following text:

```
Enter any two numbers : 12 0
Division not Possible.
```



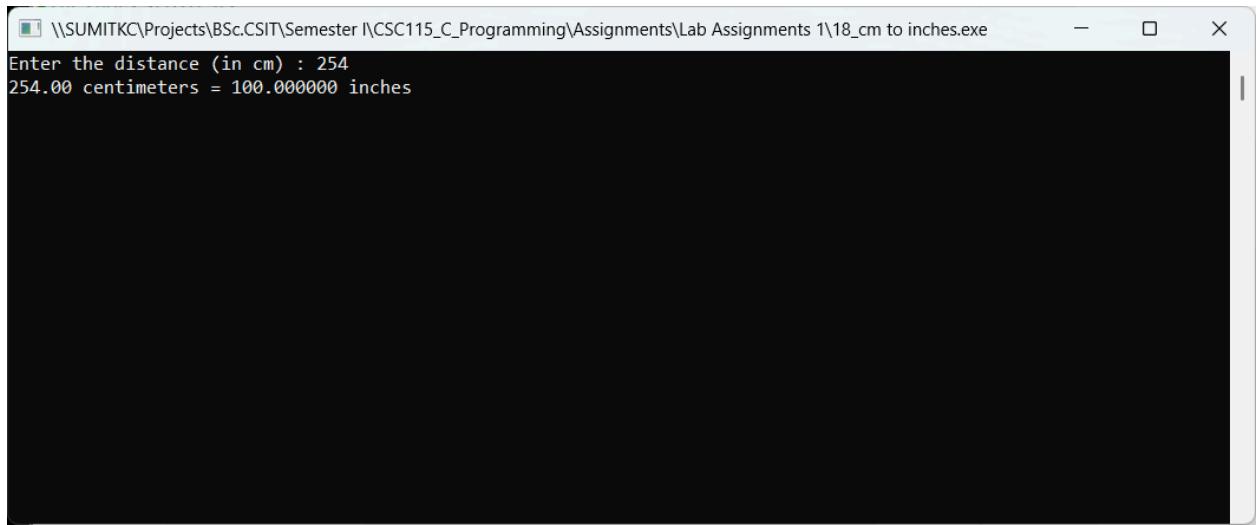
The screenshot shows a terminal window with the following text output:

```
Enter an positive integer : 10
1 , Square = 1, Cube = 1
2 , Square = 4, Cube = 8
3 , Square = 9, Cube = 27
4 , Square = 16, Cube = 64
5 , Square = 25, Cube = 125
6 , Square = 36, Cube = 216
7 , Square = 49, Cube = 343
8 , Square = 64, Cube = 512
9 , Square = 81, Cube = 729
10 , Square = 100, Cube = 1000
```

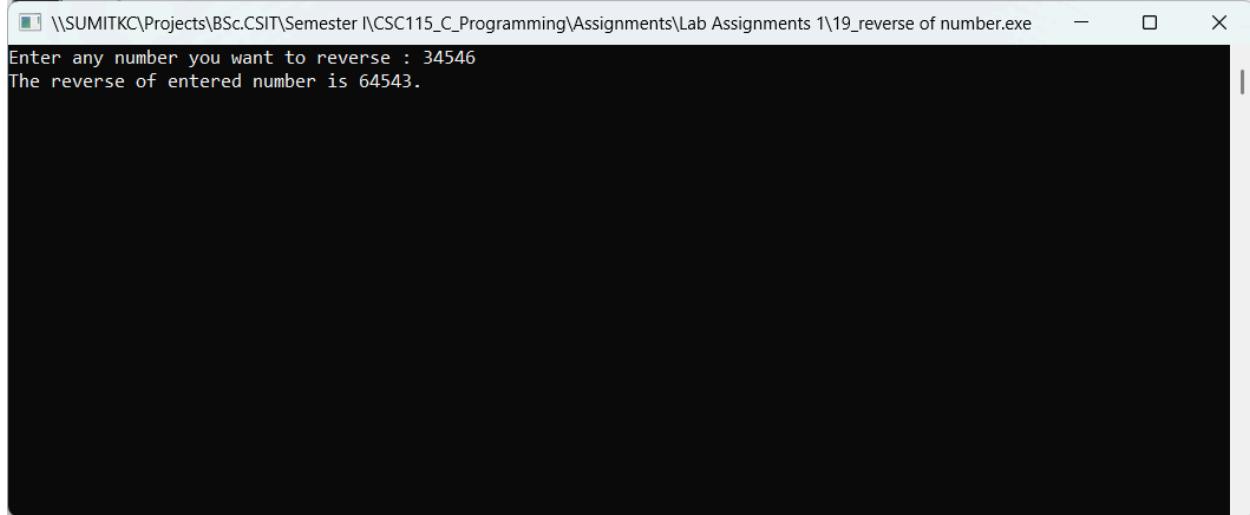


The screenshot shows a terminal window with a black background and white text. At the top, the path is displayed: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\17\_calculate simple intere... . The window includes standard operating system controls for minimizing, maximizing, and closing the application.

```
Simple Interest Calculator :  
Enter the Principle amounts : 100000  
Enter the rate of interest : 34  
Enter the time : 2  
The simple interest is 68000.00.
```



The screenshot shows a Windows command-line interface window. The title bar reads: "\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115\_C\_Programming\Assignments\Lab Assignments 1\18\_cm to inches.exe". The main window contains the following text:  
Enter the distance (in cm) : 254  
254.00 centimeters = 100.000000 inches

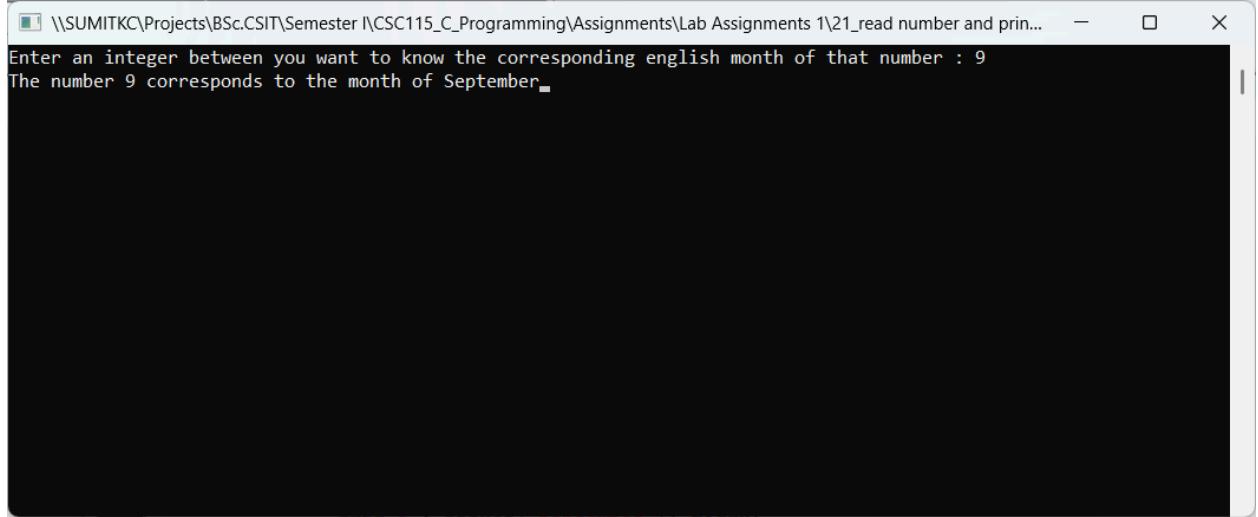


\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\19\_reverse of number.exe

Enter any number you want to reverse : 34546  
The reverse of entered number is 64543.

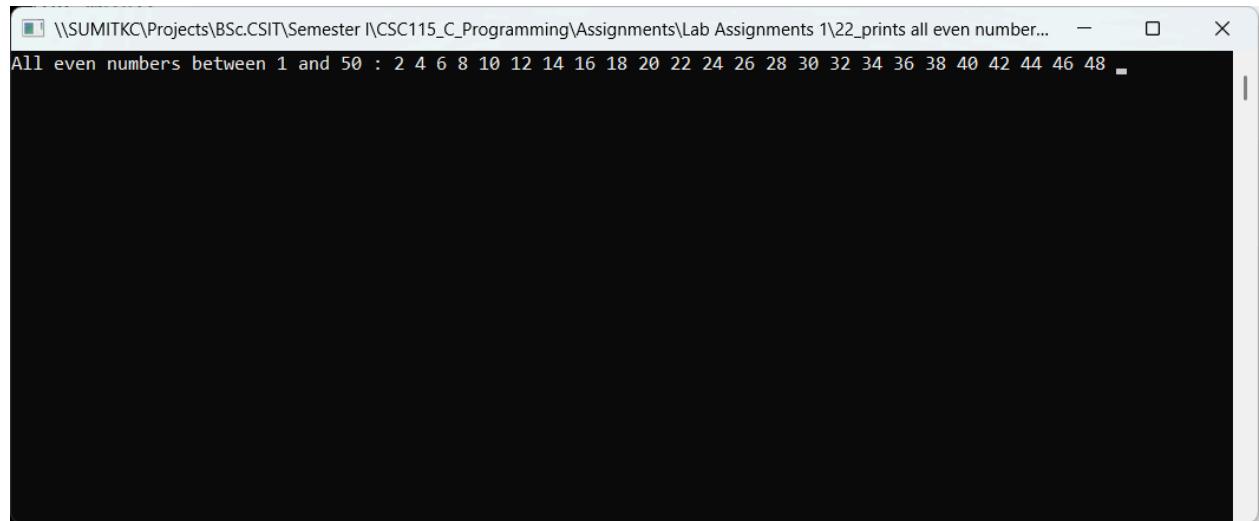
The screenshot shows a terminal window with a black background and white text. At the top, there is a path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\20\_find\_sum\_of\_digits\_of... . Below this, the terminal displays two lines of output:

```
Enter the positive number less than 500 : 456
The sum of digits of 456 is 15.
```



The screenshot shows a terminal window with a black background and white text. At the top, there is a path: '\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115\_C\_Programming\Assignments\Lab Assignments 1\21\_read number and prin...'. Below the path, the text reads: 'Enter an integer between you want to know the corresponding english month of that number : 9' and 'The number 9 corresponds to the month of September.' The window has standard operating system controls (minimize, maximize, close) at the top right.

```
\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\21_read number and prin...
Enter an integer between you want to know the corresponding english month of that number : 9
The number 9 corresponds to the month of September.
```



A screenshot of a terminal window titled '\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115\_C\_Programming\\Assignments\\Lab Assignments 1\\22\_prints all even number...'. The window contains the text 'All even numbers between 1 and 50 : 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48'.

```
All even numbers between 1 and 50 : 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48
```