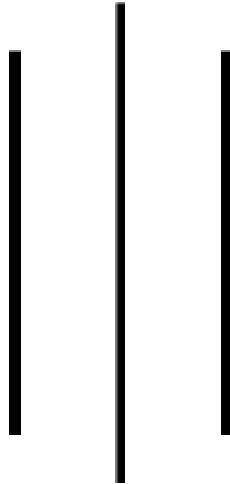


PATAN MULTIPLE CAMPUS

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)

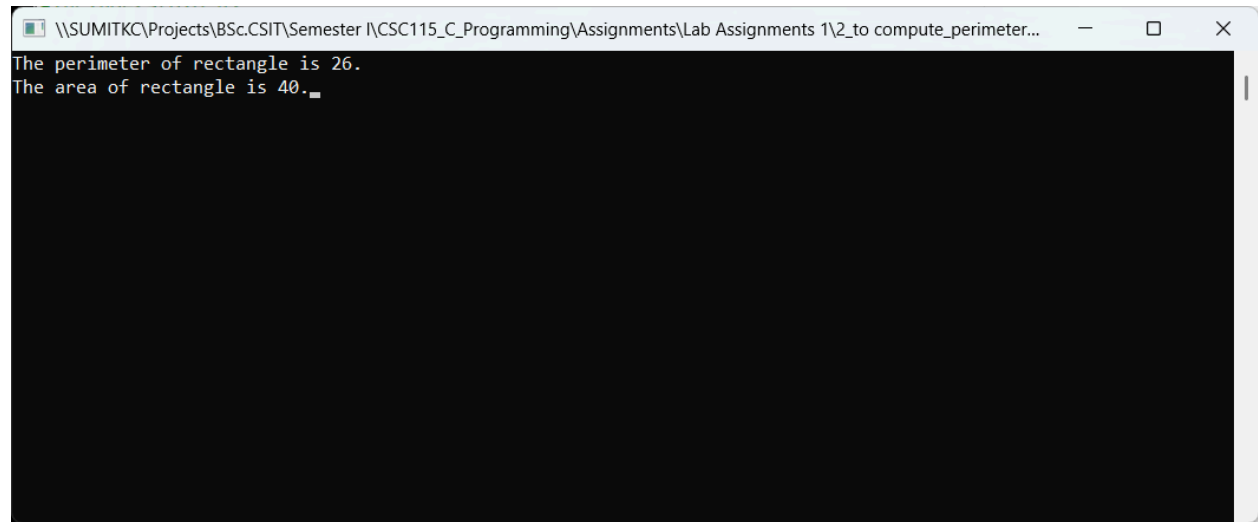
Submitted to :
Department of CSIT
(C Programming)

Date : 2082/11/

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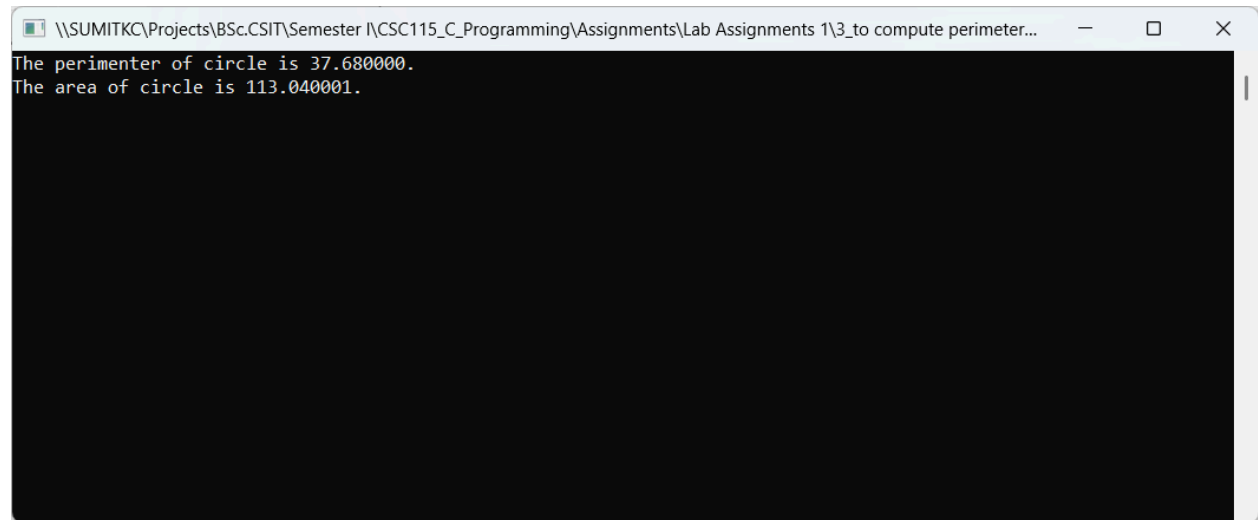
S.N	Contents	Page
1	To print your name, date of birth and mobile number	
2	To compute the perimeter and area of a rectangle with a length of 7 inches and width of 5 inches	
3	To compute the perimeter and area of a circle with a radius of 6 inches	
4	To accepts two integers from the user and calculate the sum of the two integers	
5	To accept three integers and find the maximum of three	
6	to calculate the distance between the two points (Cartesian)	
7	To convert a given integer (in seconds) to hours, minutes and seconds	
8	To convert a given integer (in days) to years, months and days, assumes that all months have 30 days and all years have 365 days	
9	To reads two integers and checks if they are multiples or not	
10	To read 5 numbers and counts the number of positive numbers and negative numbers	
11	To check a given integer is positive even, negative even, positive odd or negative odd	
12	To print all numbers between 1 to 100 which divided by a specified number and the remainder will be 3	
13	To accepts some integers from the user and find the highest value and the input position	
14	To read the coordinates(x, y) (in Cartesian system) and find the quadrant to which it belongs	
15	To read two numbers and divide the first number by a second number. If the division not possible print "Division not possible"	
16	To print a number, its square and cube in a line, starting from 1 and print n lines. Accept number of lines (n, integer) from the user	
17	To accept principle, rate of interest, time and compute the simple interest	
18	To accept a distance in centimeters and prints the corresponding value in inches	
19	To reverse and print a given number	
20	To accept a positive integer less than 500 and prints out the sum of the digits of this number	
21	To read an integer between 1 and 12 and print the month of the year in English	
22	To prints all even numbers between 1 and 50	

```
\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\1_to print your name, do...  
Name : Sumit Kumar Chauraisya  
Date of birth : 2000/07/20  
Mobile Number : 9897002045 _
```



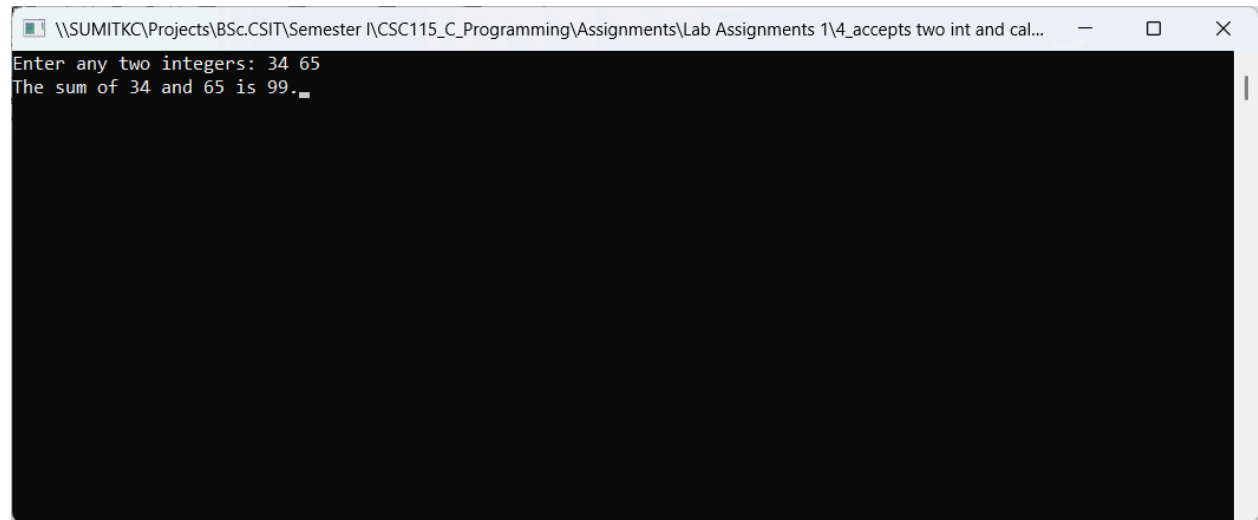
A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\2_to compute_perimeter... The window contains two lines of text: "The perimeter of rectangle is 26." and "The area of rectangle is 40." followed by a cursor. The background of the command prompt is black.

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\2_to compute_perimeter...  
The perimeter of rectangle is 26.  
The area of rectangle is 40.█
```

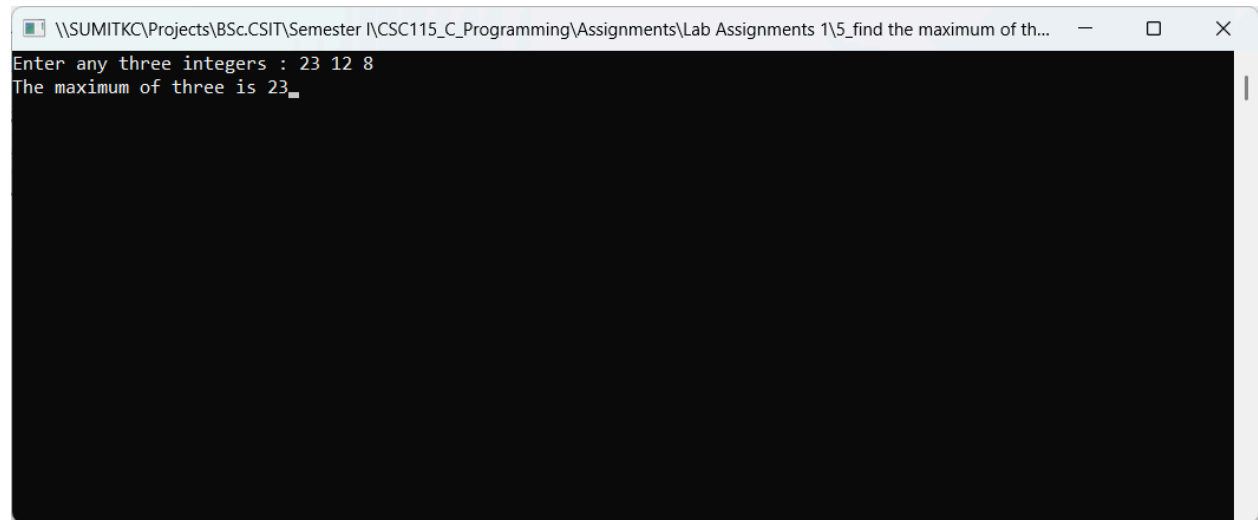


A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\3_to compute perimeter... followed by standard window control buttons (minimize, maximize, close). The command prompt area has a black background with white text. It displays two lines of output: "The perimenter of circle is 37.680000." and "The area of circle is 113.040001." The word "perimenter" is misspelled as "perimenter" instead of "perimeter".

```
\\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.
```



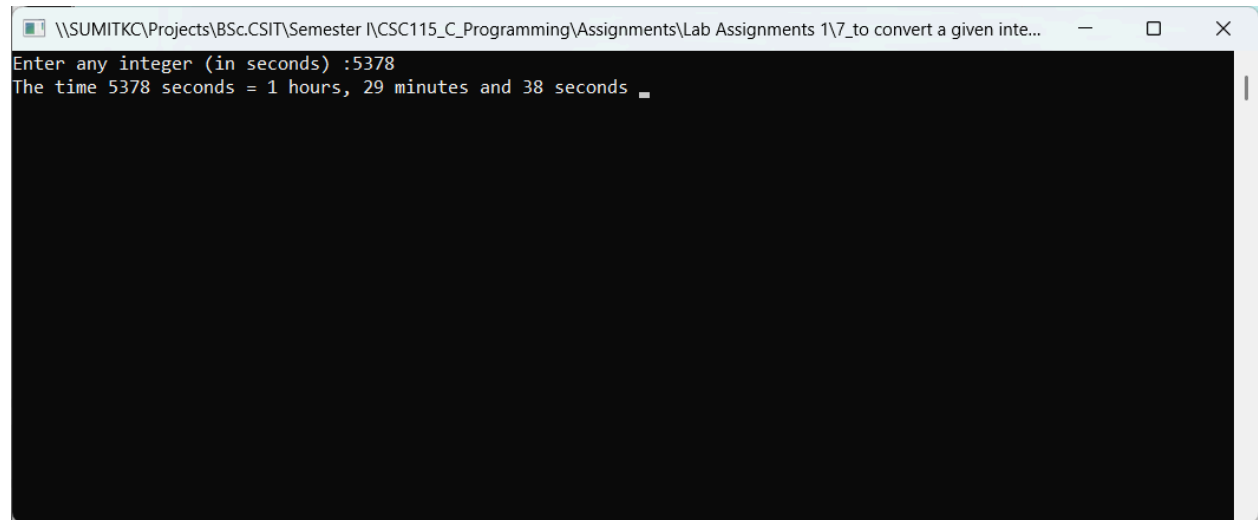
A screenshot of a Windows command prompt window. The title bar at the top shows the file path: `\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\4_accepts two int and cal...`. The window contains two lines of text: `Enter any two integers: 34 65` and `The sum of 34 and 65 is 99.` followed by a small black square cursor.



A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\5_find the maximum of th... followed by standard window controls (minimize, maximize, close). The command prompt has a black background with white text. The first line of text is "Enter any three integers : 23 12 8". The second line of text is "The maximum of three is 23_". A vertical scrollbar is visible on the right side of the window.

```
\\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_
```

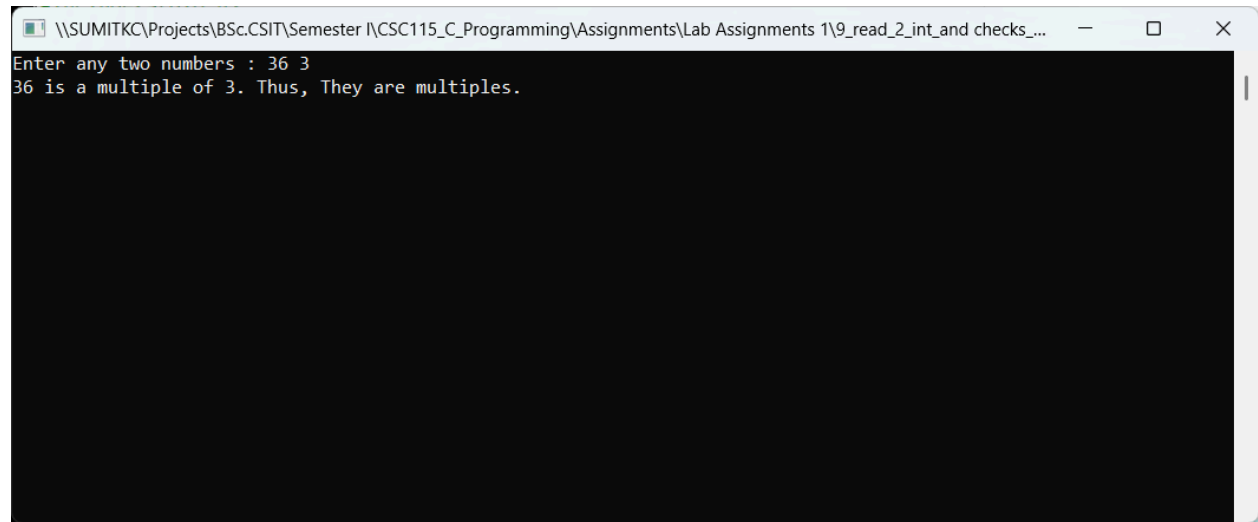
```
\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\6_calculate distance betw...  
Enter the coordinate of first point (x1,y1): 0 0  
Enter the coordinate of second point (x2,y2): 12 0  
The distance between two point is 12.000000.
```

A screenshot of a Windows command prompt window. The title bar shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\7_to convert a given inte... The window contains two lines of text: "Enter any integer (in seconds) :5378" and "The time 5378 seconds = 1 hours, 29 minutes and 38 seconds _". The rest of the window is black.

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\7_to convert a given inte...
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...
Enter the days in integers : 653
653 days = 1 years, 9 months and 18 days_
```

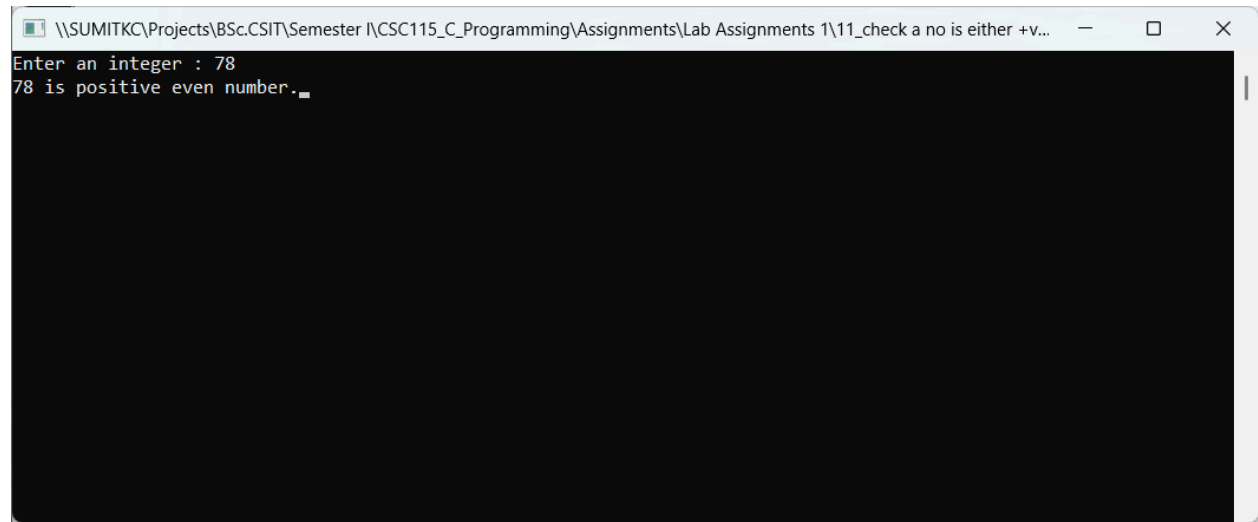


A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\9_read_2_int_and checks_... followed by standard window control buttons (minimize, maximize, close). The command prompt area has a black background with white text. The first line of text is the prompt "Enter any two numbers : " followed by the user input "36 3". The second line of text is the program's output: "36 is a multiple of 3. Thus, They are multiples.".

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\9_read_2_int_and checks_...
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...
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
```



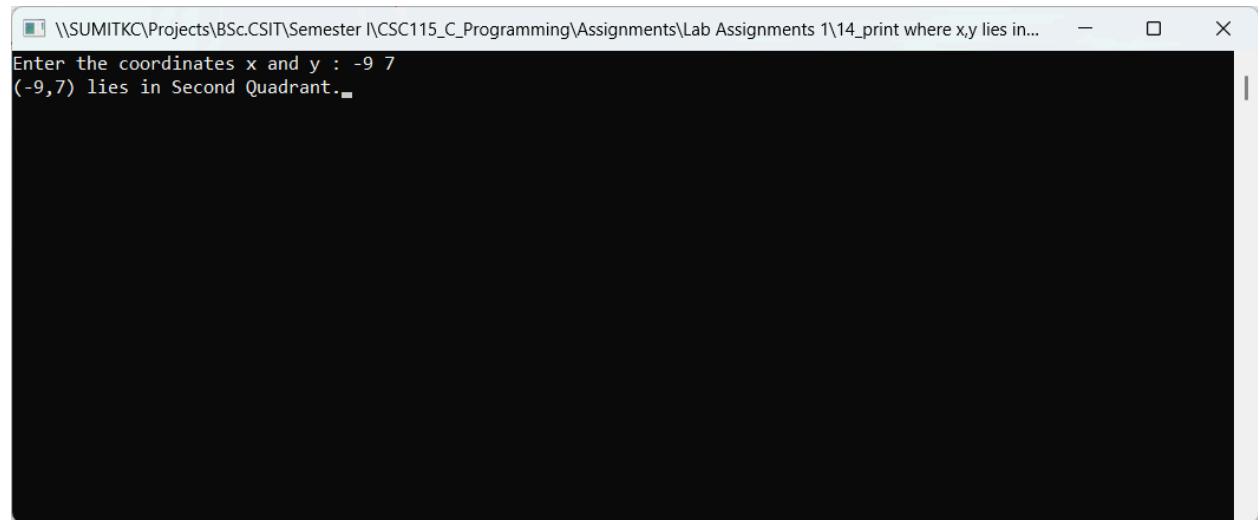
A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\11_check a no is either +v... followed by standard window controls (minimize, maximize, close). The command prompt area has a black background with white text. The first line of text is "Enter an integer : 78". The second line of text is "78 is positive even number." followed by a cursor.

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\11_check a no is either +v...
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
```

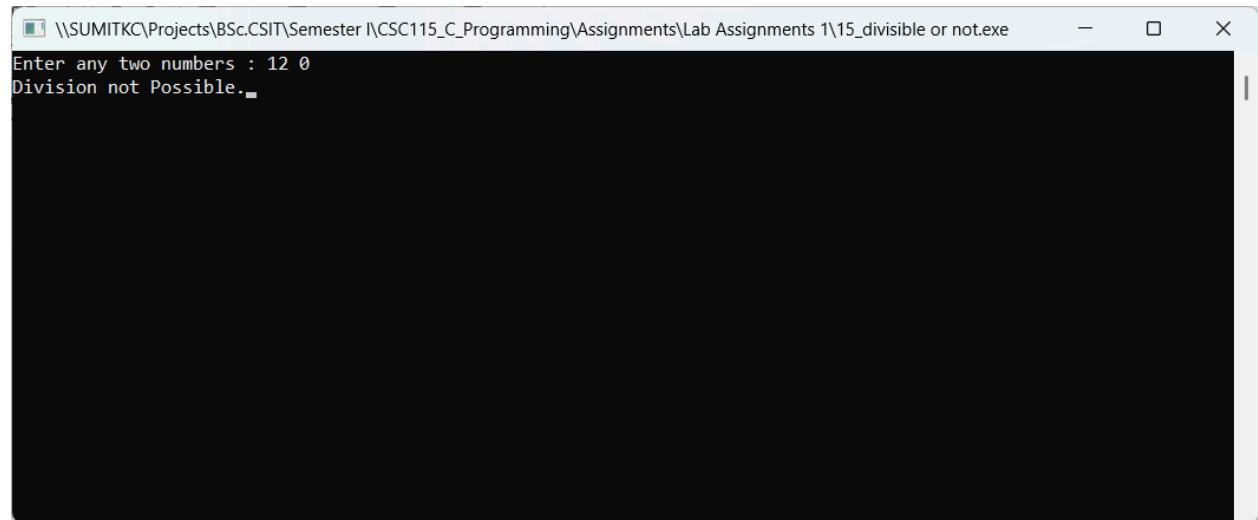
```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\13_find_position of highe...
Enter the number of integers: 5
Enter integer 1: 32
Enter integer 2: 12
Enter integer 3: 98
Enter integer 4: 34
Enter integer 5: 67

Highest value = 98
Position = 3
```



A screenshot of a Windows command prompt window. The title bar at the top shows the file path: `\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\14_print where x,y lies in...`. The window contains two lines of text: `Enter the coordinates x and y : -9 7` and `(-9,7) lies in Second Quadrant.` followed by a cursor. The rest of the window is black.

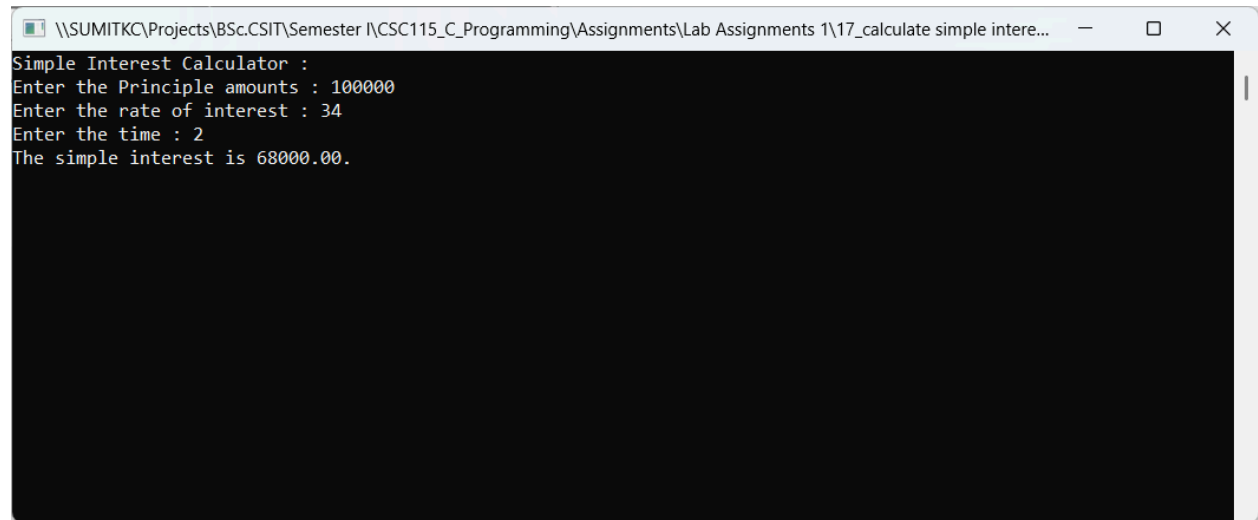
```
\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\14_print where x,y lies in...
Enter the coordinates x and y : -9 7
(-9,7) lies in Second Quadrant.
```

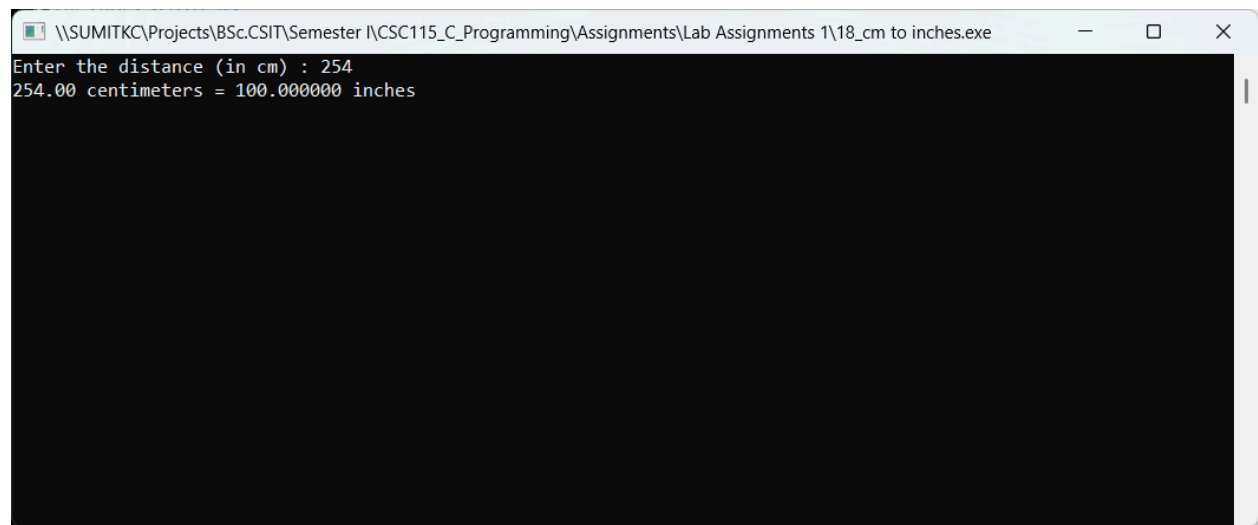
A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\15_divisible or not.exe. The window contains two lines of text: "Enter any two numbers : 12 0" and "Division not Possible._". The rest of the window is black.

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\15_divisible or not.exe
Enter any two numbers : 12 0
Division not Possible._
```

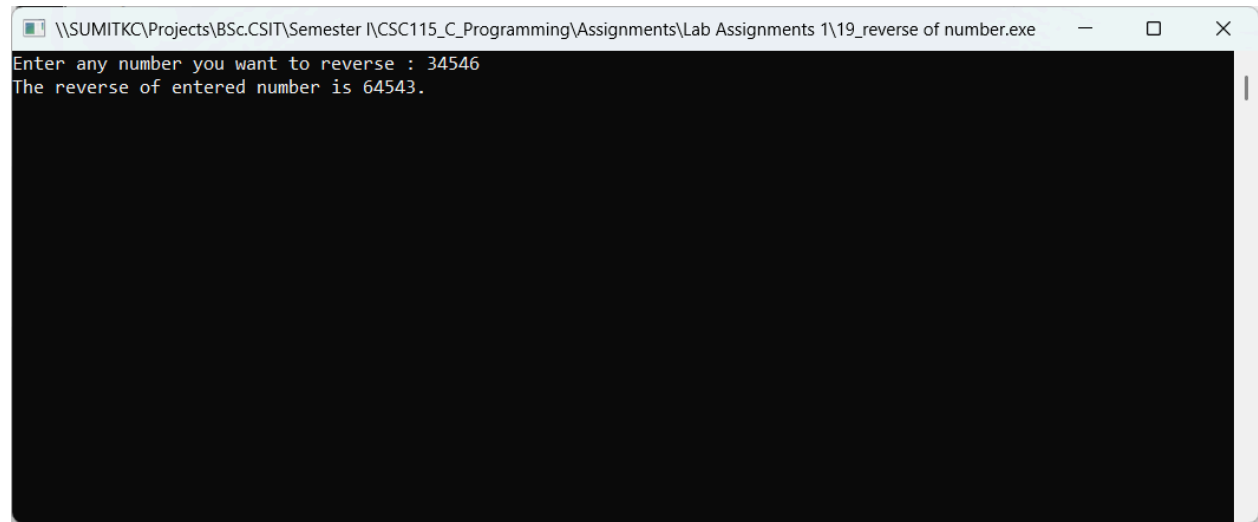
```
\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\16_square and cube and l...
Enter an positive integer : 10
1 , Square = 1, Cube = 1
2 , Square = 4, Cube = 8
3 , Square = 9, Cube = 27
4 , Square = 16, Cube = 64
5 , Square = 25, Cube = 125
6 , Square = 36, Cube = 216
7 , Square = 49, Cube = 343
8 , Square = 64, Cube = 512
9 , Square = 81, Cube = 729
10 , Square = 100, Cube = 1000
-
```



```
\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\17_calculate simple intere...  
Simple Interest Calculator :  
Enter the Principle amounts : 100000  
Enter the rate of interest : 34  
Enter the time : 2  
The simple interest is 68000.00.
```

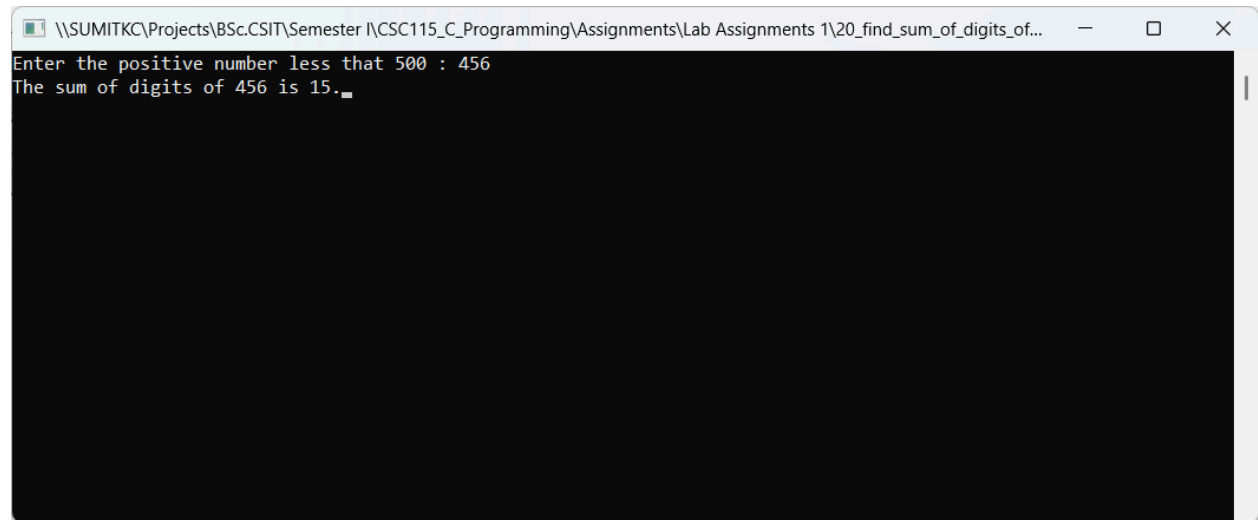


A screenshot of a Windows command prompt window. The title bar at the top shows the file path: `\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\18_cm to inches.exe`. The window contains two lines of text: `Enter the distance (in cm) : 254` and `254.00 centimeters = 100.000000 inches`. The background of the command prompt is black, and the text is white.



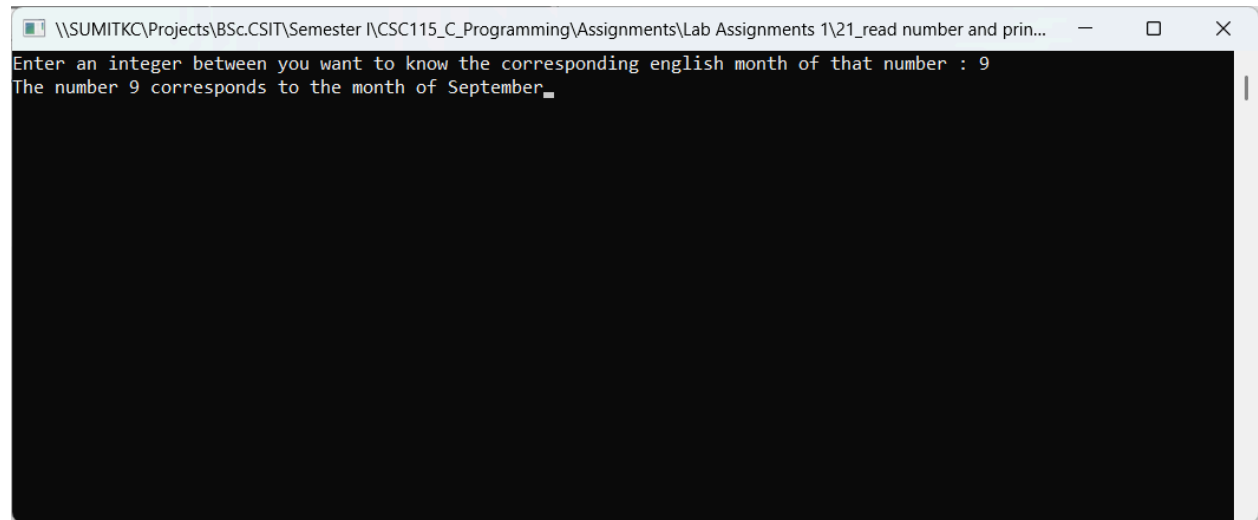
A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\19_reverse of number.exe. The window contains two lines of text: "Enter any number you want to reverse : 34546" and "The reverse of entered number is 64543." The background of the command prompt is black, and the text is white.

```
\\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.
```



A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\20_find_sum_of_digits_of... followed by standard window control buttons (minimize, maximize, close). The command prompt has a black background with white text. The first line of text is "Enter the positive number less than 500 : 456". The second line of text is "The sum of digits of 456 is 15.", followed by a small white cursor icon.

```
\\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\20_find_sum_of_digits_of...
Enter the positive number less than 500 : 456
The sum of digits of 456 is 15.█
```



A screenshot of a Windows command prompt window. The title bar at the top shows the file path: \\SUMITKC\\Projects\\BSc.CSIT\\Semester I\\CSC115_C_Programming\\Assignments\\Lab Assignments 1\\21_read number and prin... with standard minimize, maximize, and close buttons. The command prompt has a black background with white text. The first line of text is "Enter an integer between you want to know the corresponding english month of that number : 9". The second line is "The number 9 corresponds to the month of September_". A small white cursor is visible at the end of the second line.

```
\\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_
```

```
\\SUMITKC\Projects\BSc.CSIT\Semester I\CSC115_C_Programming\Assignments\Lab Assignments 1\22_prints all even number...  
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
```