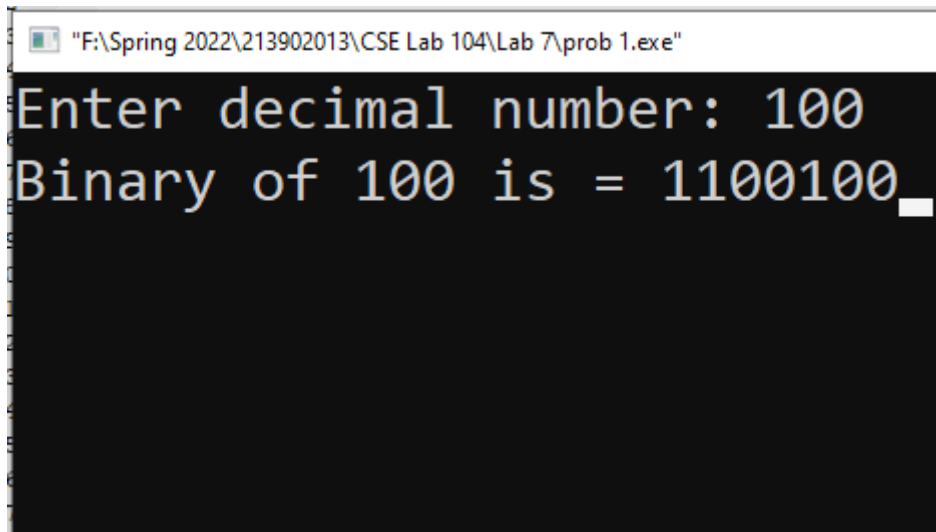


5. TEST RESULT

A screenshot of a Windows command prompt window. The title bar at the top reads "F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 1.exe". The command prompt shows the text "Enter decimal number: 100" on the first line and "Binary of 100 is = 1100100" on the second line. A white cursor is visible at the end of the second line.

```
"F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 1.exe"
Enter decimal number: 100
Binary of 100 is = 1100100
```

6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

7. SUMMARY:

We have completed the program by using C.

Problem – 2

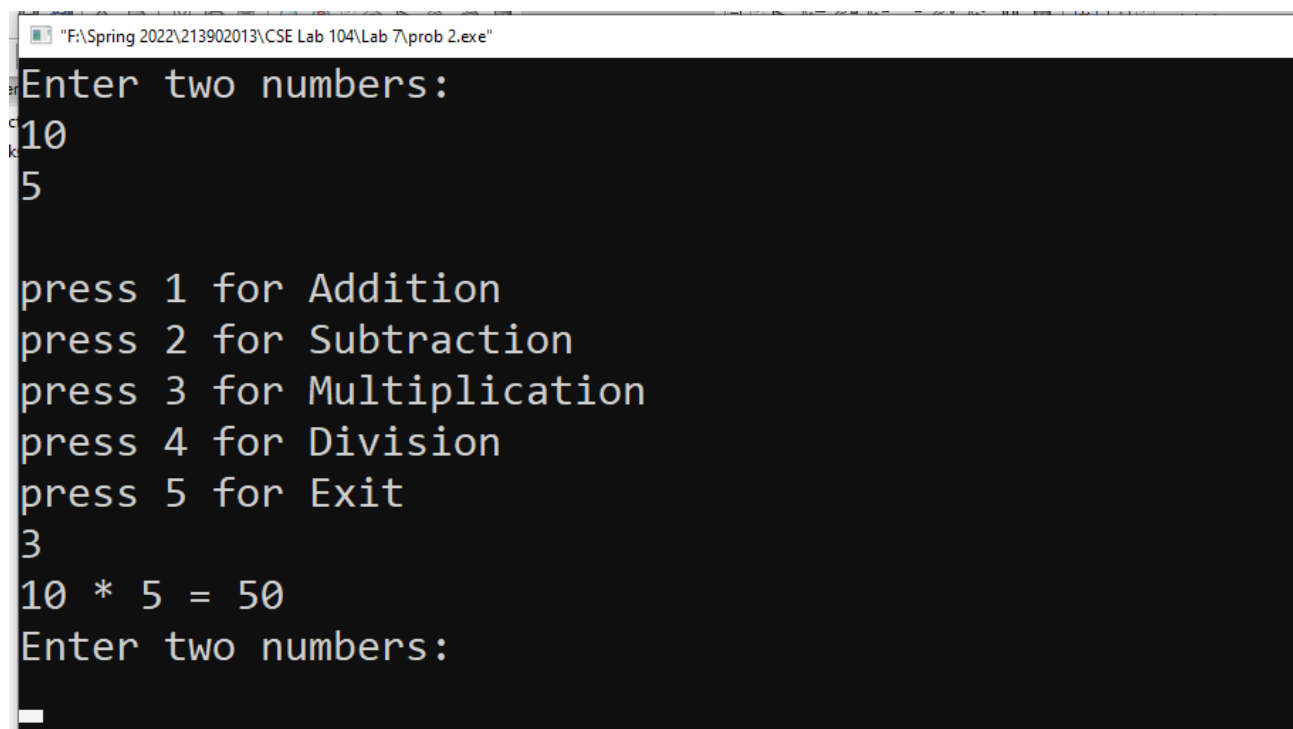
1. TITLE OF THE LAB EXPERIMENT

Write a C program to create menu driven calculator that performs basic arithmetic operations (add, subtract, multiply and divide) using functions.

2. OBJECTIVES

Here we are trying to create menu driven calculator that performs basic arithmetic operations using functions.

5. TEST RESULT



The screenshot shows a Windows command prompt window titled "F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 2.exe". The program prompts the user to "Enter two numbers:". The user enters "10" and "5". The program then displays a menu: "press 1 for Addition", "press 2 for Subtraction", "press 3 for Multiplication", "press 4 for Division", and "press 5 for Exit". The user presses "3". The program outputs "10 * 5 = 50" and then prompts "Enter two numbers:" again. A cursor is visible at the end of the second prompt.

```
"F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 2.exe"
Enter two numbers:
10
5

press 1 for Addition
press 2 for Subtraction
press 3 for Multiplication
press 4 for Division
press 5 for Exit
3
10 * 5 = 50
Enter two numbers:
_
```

6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

7. SUMMARY:

We have completed the program by using C.

Problem – 3

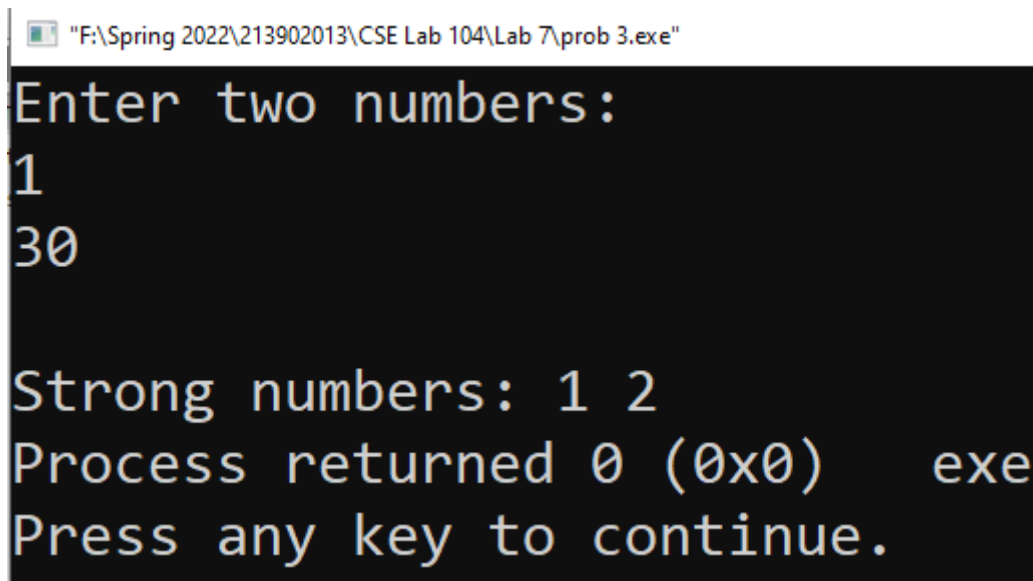
1. TITLE OF THE LAB EXPERIMENT

Write a C Program to print Strong Numbers between given interval using function.

2. OBJECTIVES

Here we are trying to c print Strong Numbers between given interval using function.

5. TEST RESULT



The screenshot shows a Windows command prompt window titled "F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 3.exe". The program prompts the user to "Enter two numbers:". The user enters "1" and "30". The program then outputs "Strong numbers: 1 2". Below this, it says "Process returned 0 (0x0) exe" and "Press any key to continue.".

```
"F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 3.exe"  
Enter two numbers:  
1  
30  
  
Strong numbers: 1 2  
Process returned 0 (0x0) exe  
Press any key to continue.
```

6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

7. SUMMARY:

We have completed the program by using C.

Problem – 4

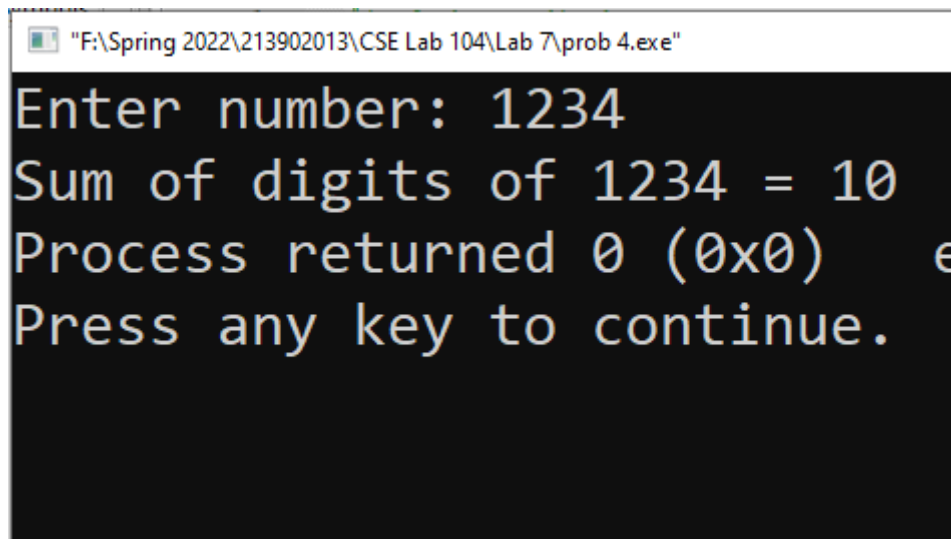
1. TITLE OF THE LAB EXPERIMENT

Write a C program to calculate sum of all digits of a number using recursion.

2. OBJECTIVES

Here we are trying to calculate sum of all digits of a number using recursion.

5. TEST RESULT



```
"F:\Spring 2022\213902013\CSE Lab 104\Lab 7\prob 4.exe"
Enter number: 1234
Sum of digits of 1234 = 10
Process returned 0 (0x0)
Press any key to continue.
```

6. ANALYSIS AND DISCUSSION

- We got the correct output.
- To complete this assignment we did not face any problems.
- We learned some of the basics of the C program from it.
- We have solved the problem.

7. SUMMARY:

We have completed the program by using C.