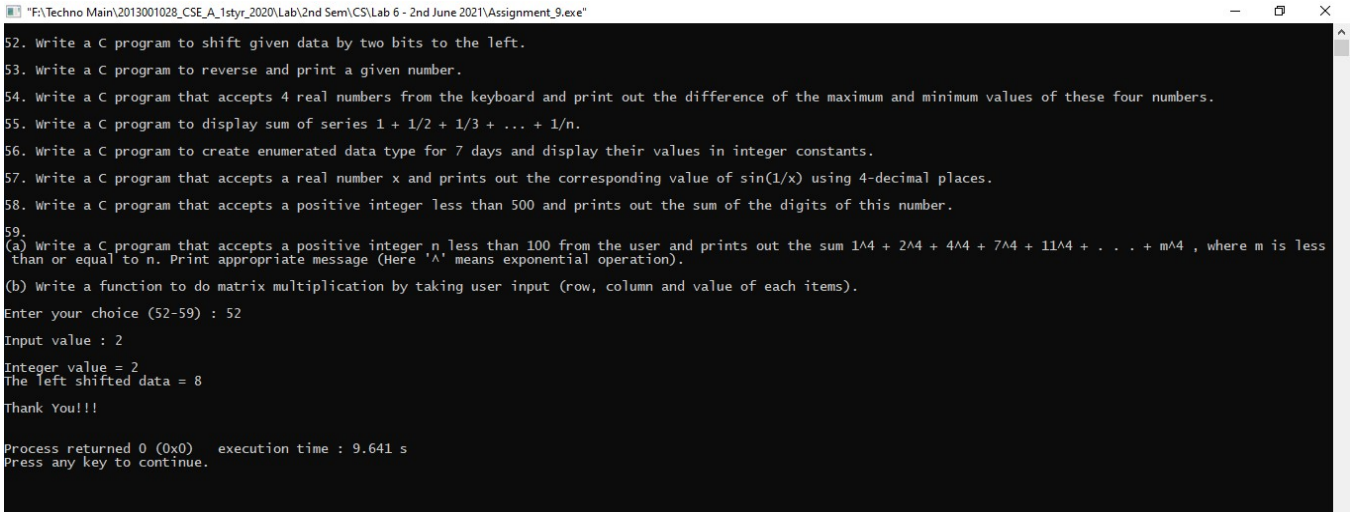
Outputs

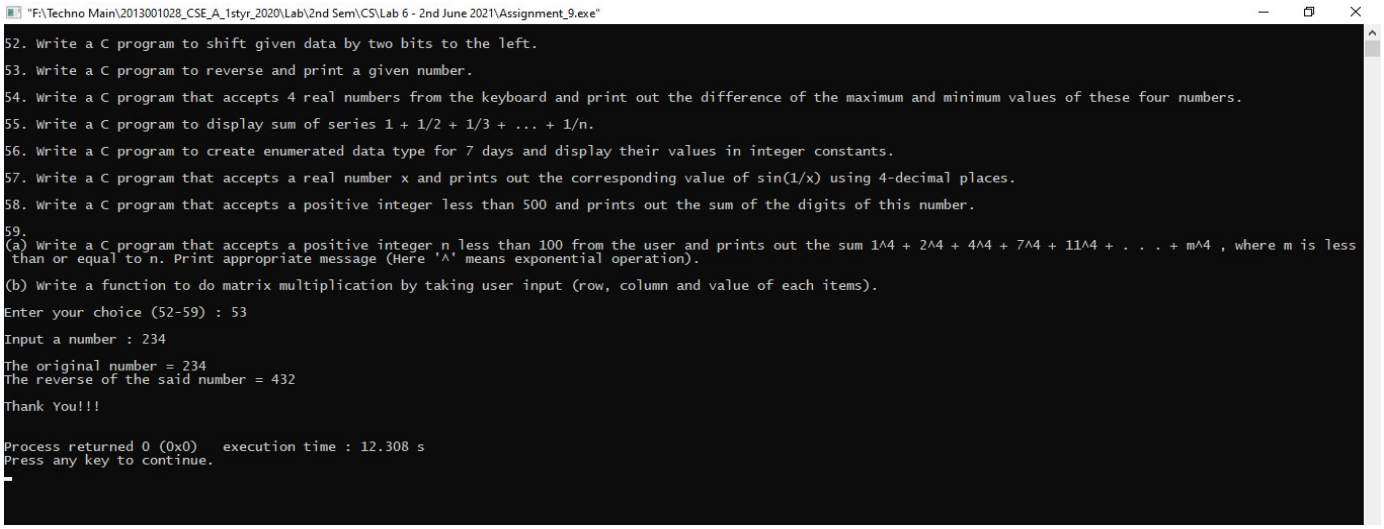
Assignment 9

NAME	:	ARNAB CHAKRABORTY
STREAM	:	CSE
SECTION	:	A
UNIVERSITY ROLL NO.	:	13000120040

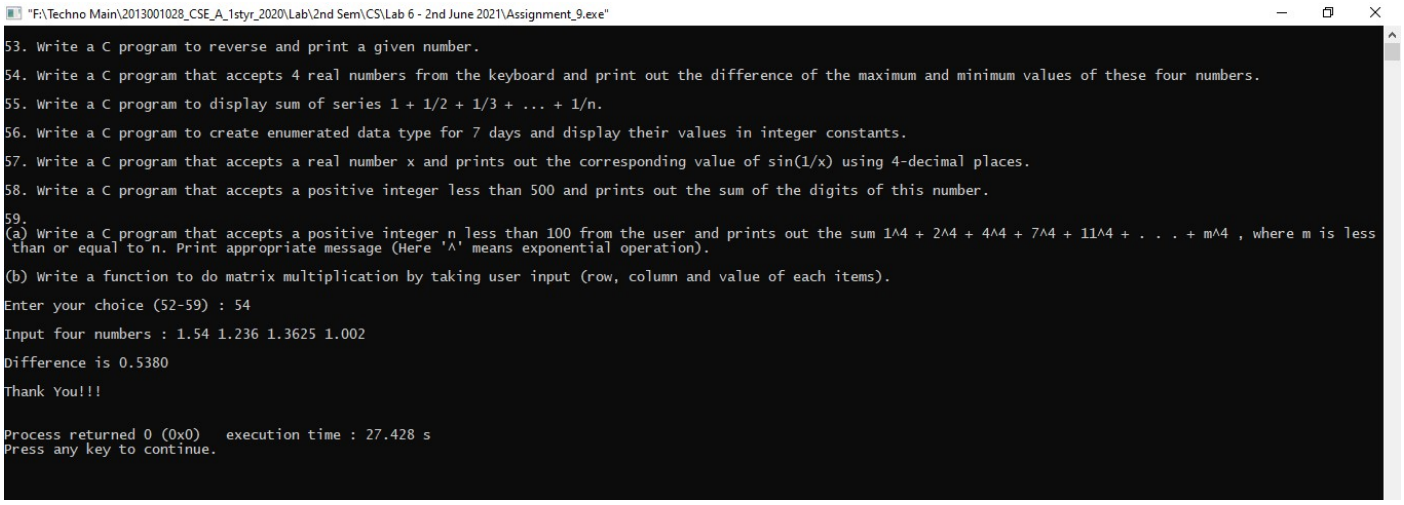
52 :



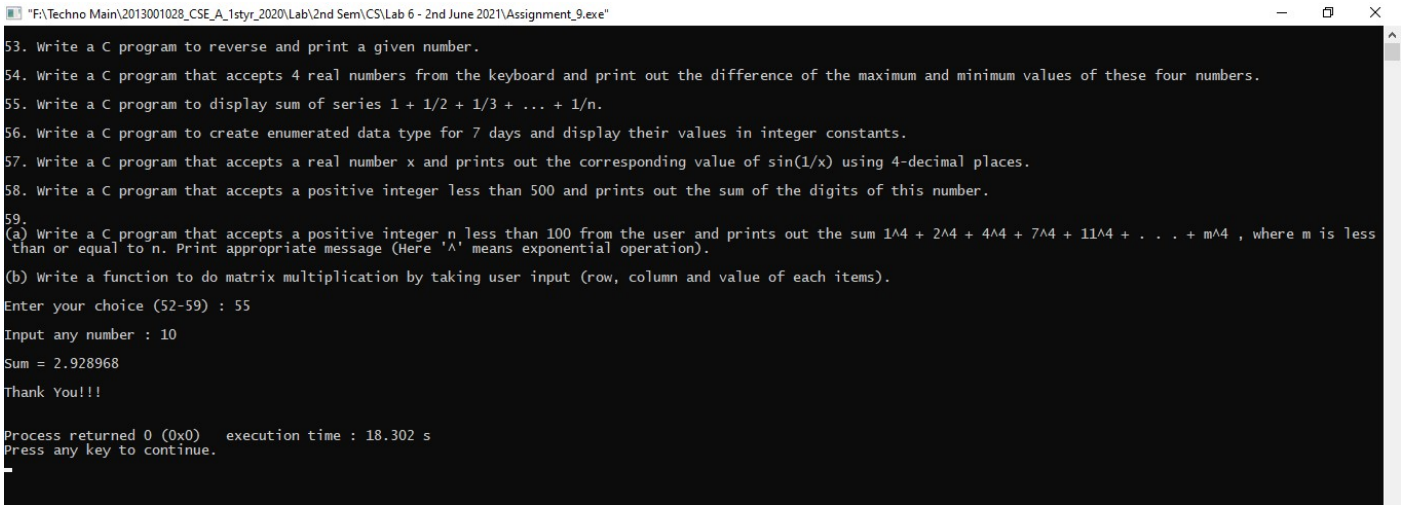
53 :



54 :


"F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 6 - 2nd June 2021\Assignment_9.exe"
53. Write a C program to reverse and print a given number.
54. Write a C program that accepts 4 real numbers from the keyboard and print out the difference of the maximum and minimum values of these four numbers.
55. Write a C program to display sum of series 1 + 1/2 + 1/3 + ... + 1/n.
56. Write a C program to create enumerated data type for 7 days and display their values in integer constants.
57. Write a C program that accepts a real number x and prints out the corresponding value of sin(1/x) using 4-decimal places.
58. Write a C program that accepts a positive integer less than 500 and prints out the sum of the digits of this number.
59.
(a) Write a C program that accepts a positive integer n less than 100 from the user and prints out the sum 1^4 + 2^4 + 4^4 + 7^4 + 11^4 + . . . + m^4 , where m is less than or equal to n. Print appropriate message (Here '^' means exponential operation).
(b) Write a function to do matrix multiplication by taking user input (row, column and value of each items).
Enter your choice (52-59) : 54
Input four numbers : 1.54 1.236 1.3625 1.002
Difference is 0.5380
Thank You!!!
Process returned 0 (0x0) execution time : 27.428 s
Press any key to continue.

55 :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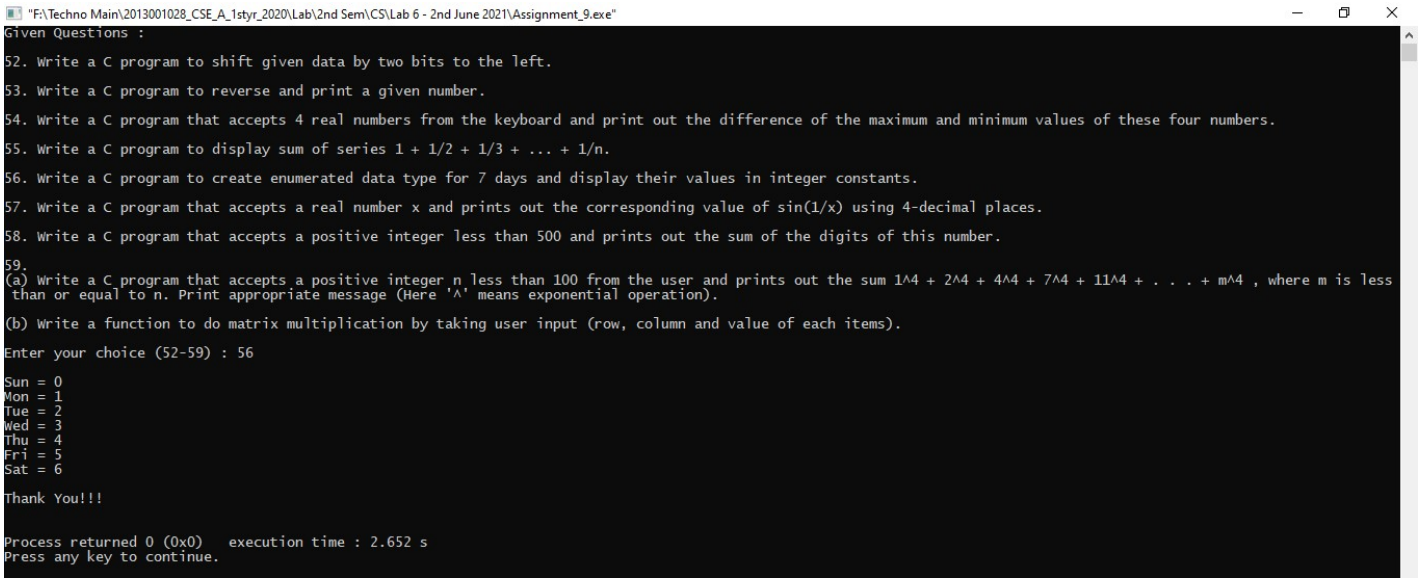
(b) Write a function to do matrix multiplication by taking user input (row, column and value of each items).
Enter your choice (52-59) : 55
Input any number : 10
Sum = 2.928968
Thank You!!!
Process returned 0 (0x0) execution time : 18.302 s
Press any key to continue.

56 :


"F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 6 - 2nd June 2021\Assignment_9.exe"
Given Questions :
52. Write a C program to shift given data by two bits to the left.
53. Write a C program to reverse and print a given number.
54. Write a C program that accepts 4 real numbers from the keyboard and print out the difference of the maximum and minimum values of these four numbers.
55. Write a C program to display sum of series 1 + 1/2 + 1/3 + ... + 1/n.
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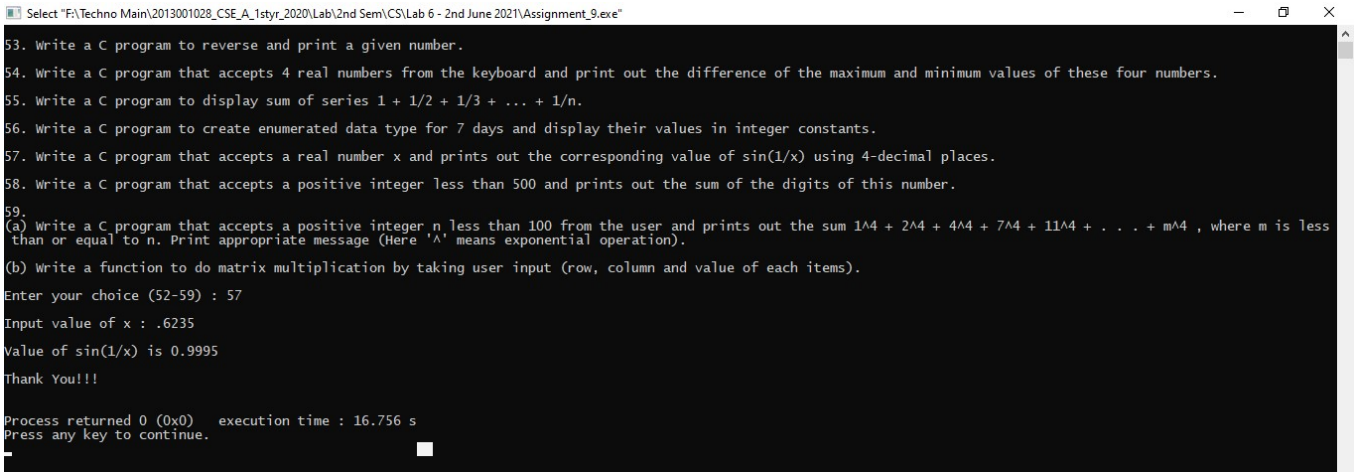
(b) Write a function to do matrix multiplication by taking user input (row, column and value of each items).
Enter your choice (52-59) : 56
Sun = 0
Mon = 1
Tue = 2
Wed = 3
Thu = 4
Fri = 5
Sat = 6
Thank You!!!
Process returned 0 (0x0) execution time : 2.652 s
Press any key to continue.

57 :


Select "F:\Techno Main\2013001028_CSE_A_1styr_2020\Lab\2nd Sem\CS\Lab 6 - 2nd June 2021\Assignment_9.exe"
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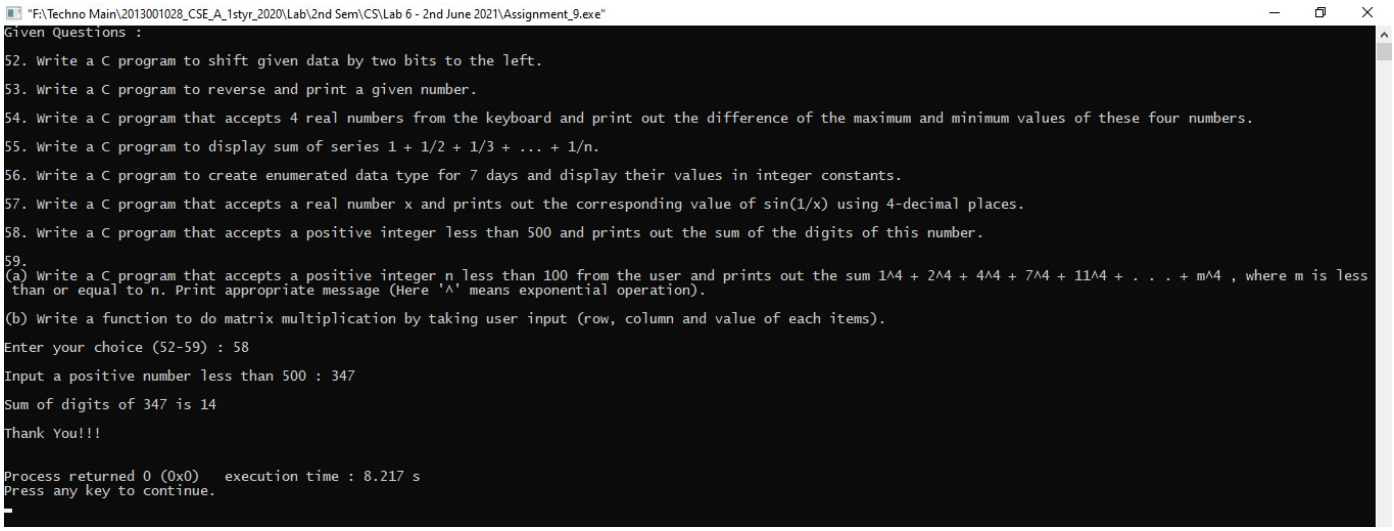
(b) Write a function to do matrix multiplication by taking user input (row, column and value of each items).
Enter your choice (52-59) : 57
Input value of x : .6235
Value of sin(1/x) is 0.9995
Thank You!!!
Process returned 0 (0x0) execution time : 16.756 s
Press any key to continue.

58 :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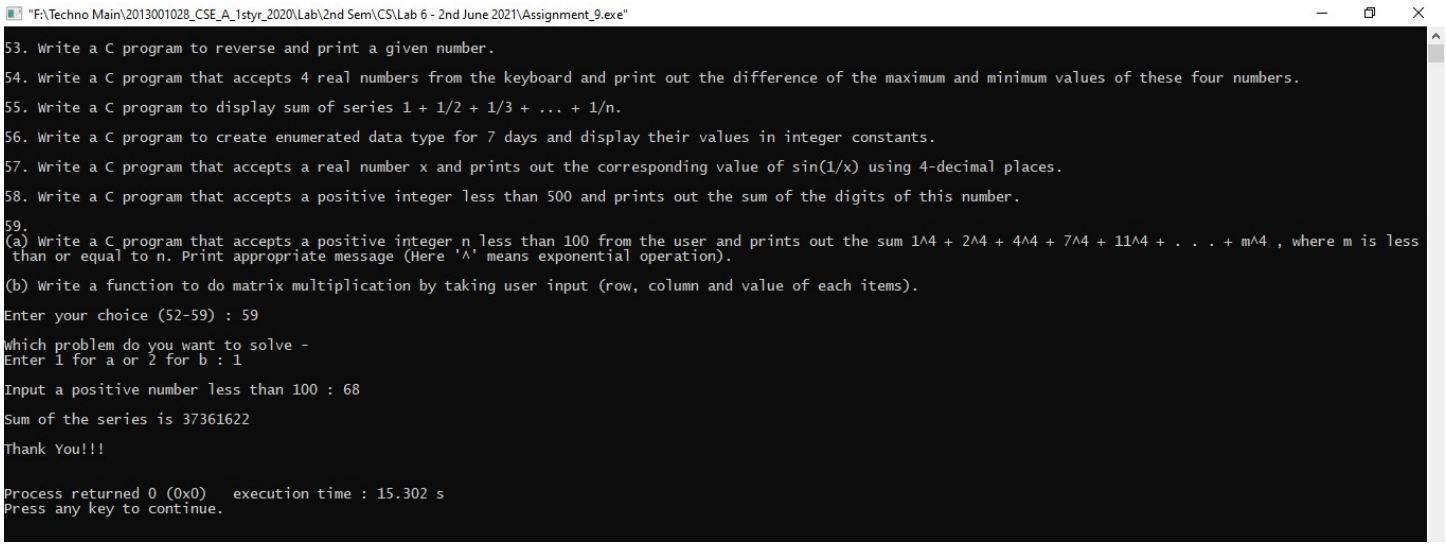
(b) Write a function to do matrix multiplication by taking user input (row, column and value of each items).
Enter your choice (52-59) : 58
Input a positive number less than 500 : 347
Sum of digits of 347 is 14
Thank You!!!
Process returned 0 (0x0) execution time : 8.217 s
Press any key to continue.

59 :

a)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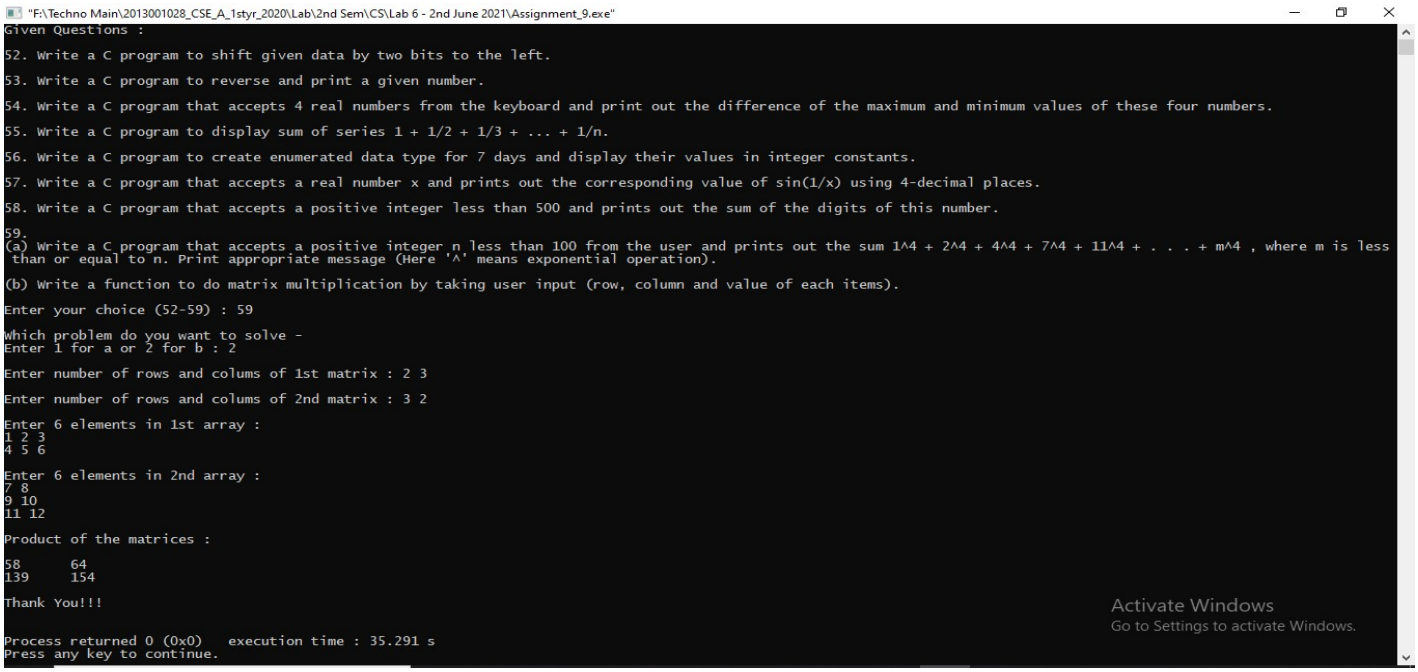
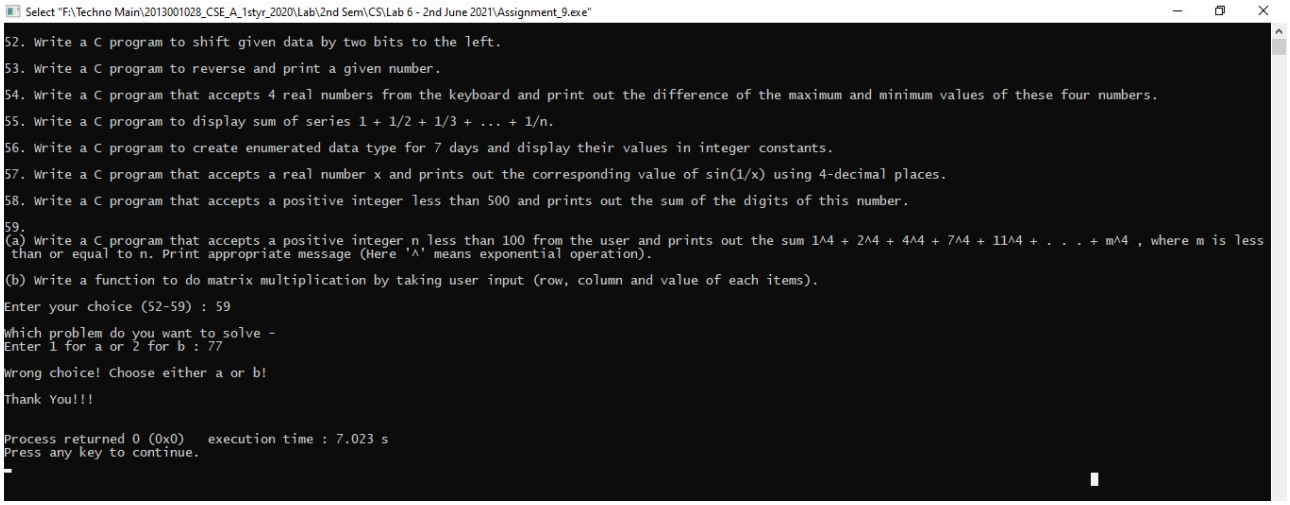
(a) Write a C program that accepts a positive integer n less than 100 from the user and prints out the sum 1^4 + 2^4 + 4^4 + 7^4 + 11^4 + . . . + m^4 , where m is less than or equal to n. Print appropriate message (Here '^' means exponential operation).
(b) Write a function to do matrix multiplication by taking user input (row, column and value of each items).
Enter your choice (52-59) : 59
Which problem do you want to solve -
Enter 1 for a or 2 for b : 1
Input a positive number less than 100 : 68
Sum of the series is 37361622
Thank You!!!
Process returned 0 (0x0) execution time : 15.302 s
Press any key to continue.

b)



default case for 59 :



Default case for the whole program :