

GALGOTIAS UNIVERSITY Plot No.2, Sector -17 A, Yamuna Expressway,

Greater Noida, Gautam Buddha Nagar, U.P., India

SCHOOL OF COMPUTING SCIENCE & ENGINEERING

"LAB PRACTICAL FILE"

Course Name: TECHNICAL TRAINING-I

Course Code: BCSE2390

School: SCSE Year: 2nd Semester: 3

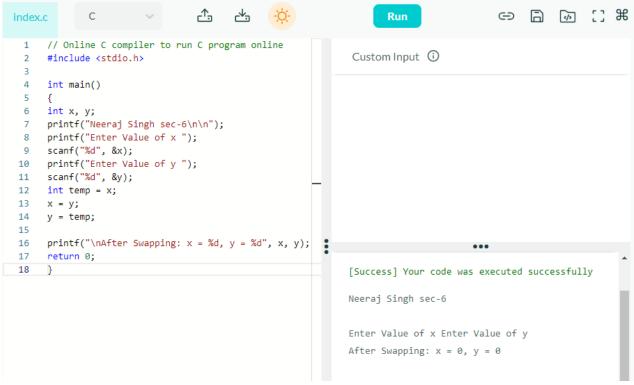
Session: 2021-2022

Program: B. Tech

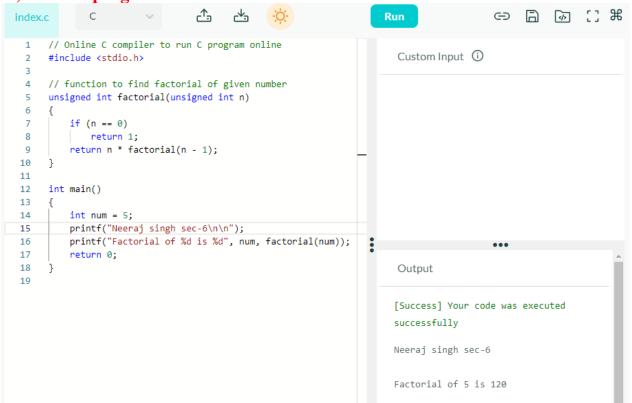
Submitted By:	Submitted To:
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SEC-6- P1	

List of Programs

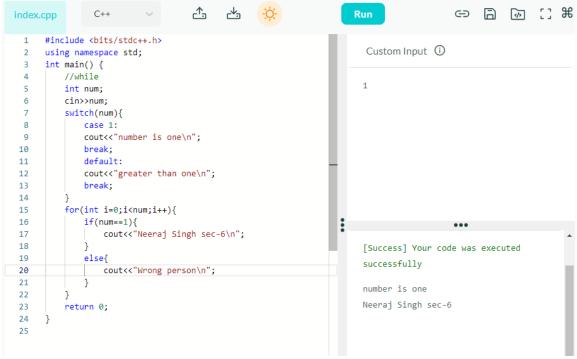
1-) Write a program for swapping of two numbers



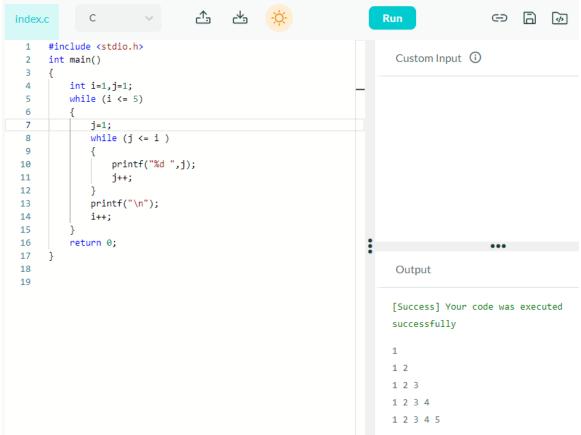
2-) Write a program for Factorial number



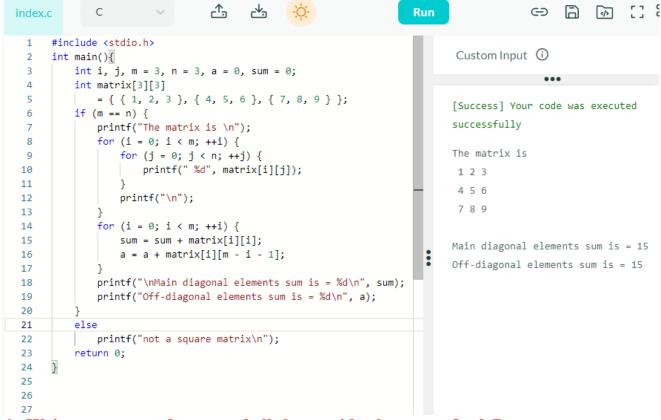
3-)Write a program for on switch-case, if-else and loop statements



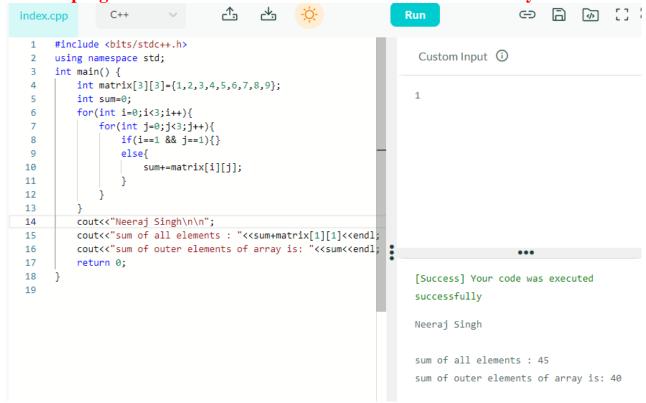
4-)Write a program for nested for/while loop for printing pattern.



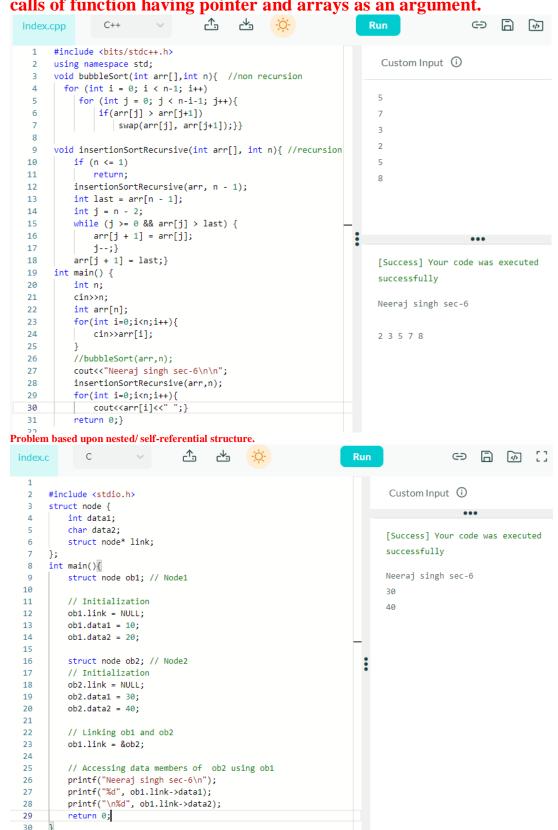
5. Write a program for sum of diagonal elements



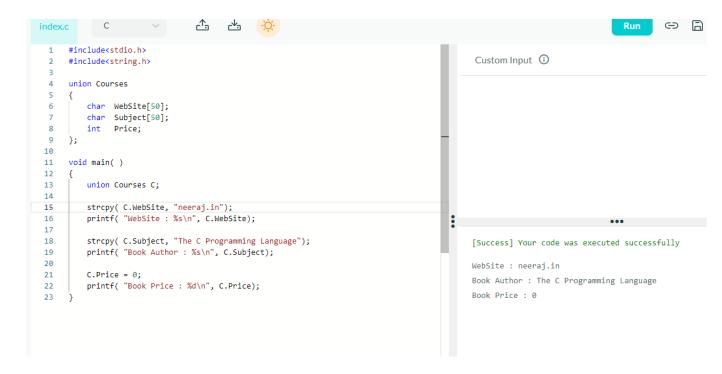
6. Write a program for sum of all the outside elements of a 2-D arrays.



7. Write a program for based on sorting using recursive and non-recursive calls of function having pointer and arrays as an argument.



9. Problem based upon Union, passing it as an argument inside the function



10. Revision - Problem based upon classes and objects

```
index.cpp
                                               ╩
                                                                                                                                                    \subseteq
       #include <bits/stdc++.h>
      using namespace std;
                                                                                                       Custom Input (i)
 3
      class Geeks{
          public:
          int id;
  6
           Geeks()
  8
               cout << "Default Constructor called" << endl;</pre>
  9
 10
               id=-1;
 11
12
 13
           Geeks(int x)
15
               cout <<"Parameterized Constructor called "<< endl;</pre>
16
               id=x;
18
      };
                                                                                                      [Success] Your code was executed successfully
19
       int main() {
20
                                                                                                      Default Constructor called
21
           Geeks obj1;
                                                                                                      Neeraj singh: -1
           cout <<"Neeraj singh: "<<obj1.id << endl;</pre>
22
                                                                                                      Parameterized Constructor called
23
          Geeks obj2(21);
cout <<"Sec-6: " <<obj2.id << endl;</pre>
 24
                                                                                                      Sec-6: 21
 25
 26
```