### DATE:-19/09/22

#### **COURSE NAME:-DATA STRUCTURES FOR EXPRESSION EVALUATION**

#### COURSE CODE:-CSA0374

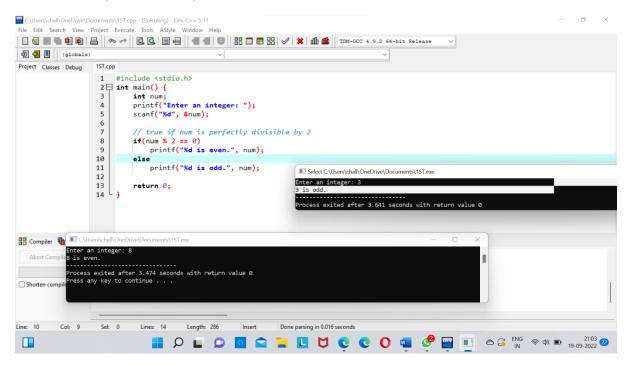
NAME OF THE STUDENT:-CH.INDHU PRIYA

REGNO:-192111191

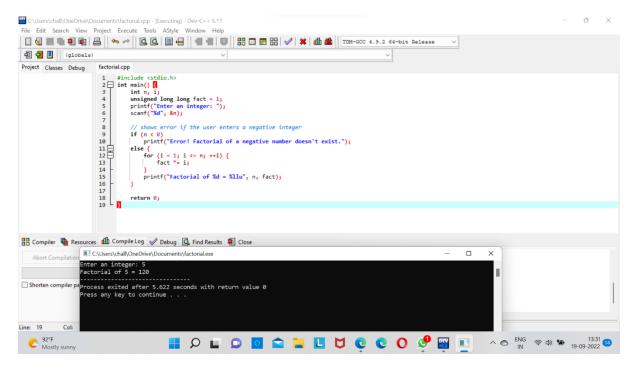
### **EXPERIMENT: 1 (MATRIX MULTIPLICATION)**

```
File Edit Search View Project Execute Tools AStyle Window Help
回 🚺 📗 (globals)
Project Classes Debug
                       1ST.cpp
                       1 #include<stdio.h>
2 #include<stdlib.h>
                        3 ☐ int main(){
                      3 int mean()
4 int a[10][10],b[10][10],mo-4
5 system("cls");
6 printf("enter the number of row=");
7 scanf("%d",%r);
8 printf("enter the number of column=");
9 scanf("%d",%c);
10 printf("enter the first matrix element=\n");
11 for(i=0;i<r;i++)</pre>
                             int a[10][10],b[10][10],mul[10][10],r,c,i,j,k;
                                                                                         C:\Users\chall\OneDrive\Documents\1ST.exe
                                                                                         enter the number of row=2
enter the number of column=2
enter the first matrix elemen
                       13 for(j=0;j<c;j++)
                                                                                          nter the second matrix element=
                             scanf("%d",&a[i][j]);
                       15
                       16
17
                             printf("enter the second matrix element=\n");
                       18
                             for(i=0;i<r;i++)</pre>
                       20 1 {
                       21
                             for(j=0;j<c;j++)
                                                                                          rocess exited after 18.43 seconds with return value 0 ress any key to continue . . . .
                             scanf("%d".&b[i][i]):
                       23
                       24
                       26
Compiler (2) 🍓 Resources 🛍 Compile Log 🤣 Debug 🚨 Find Results
                                  Lines: 49 Length: 925 Insert
```

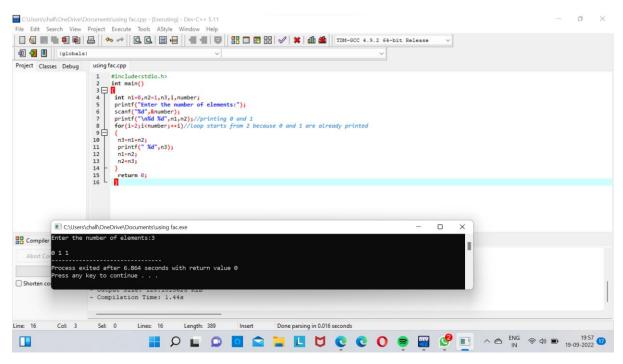
### **EXPERIMENT:2(ODD OR EVEN)**



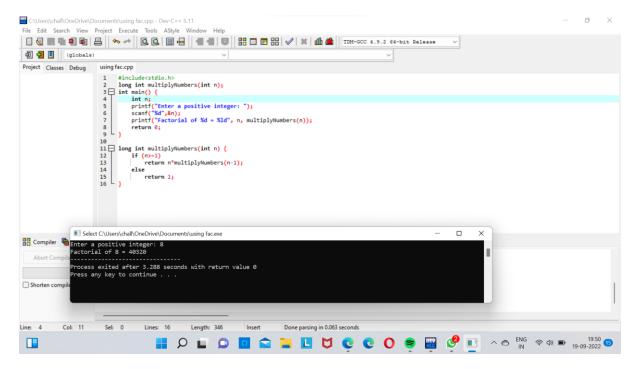
**EXPERIMENT:-3(WITHOUT USING RECURSION FACTORIAL)** 



# **EXPERIMENT:-4(WITHOUT USING RECURSION FIBINOSIS)**



**EXPERIMENT:-5(USING RECURSION FACTORIAL)** 



# **EXPERIMENT:-6( USING RECURSION FIBINOSIS)**

