DATE:-22/09/22

COURSE NAME:-DATA STRUCTURES FOR EXPRESSION EVALUATION

COURSE CODE:-CSA0374

NAME OF THE STUDENT:-

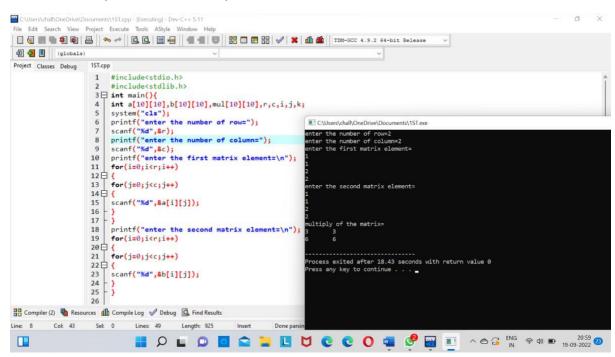
Sandeep.A

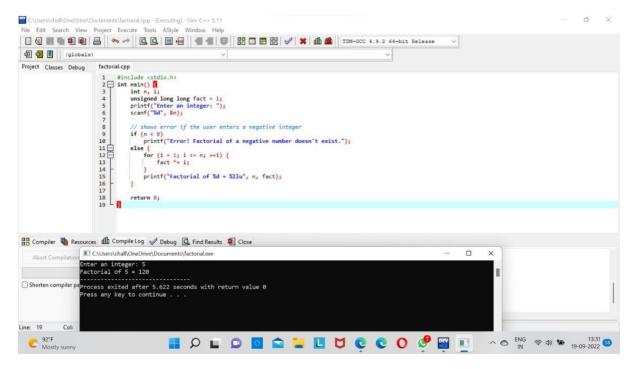
REGNO:-192110564

EXPERIMENT:-1(MATRIX OUT PUT)

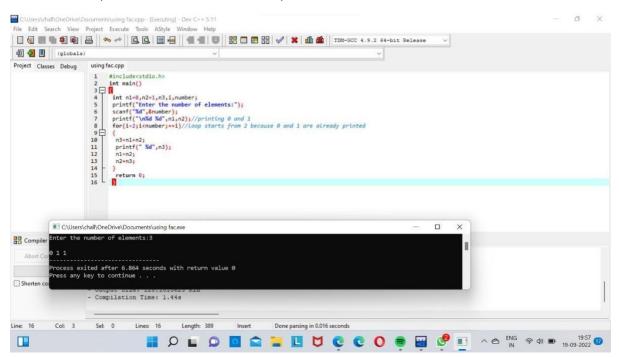
```
C:\Users\chall\OneDrive\Documents\15T.cpp - [Executing] - Dev-C++ 5.11
 File Edit Search View Project Execute Tools AStyle Window Help
 □ 🔞 💀 🐿 🚳 🔠 🕒 🔷 🖈 □ 🚨 🗎 📲 □ 📲 □ 🔡 □ 🖽 □ 👭 □ 🗯 □ 🖽 □ 🛣 □ TDM-GOC 4.9.2 64-bit Release
 回 ② I (globals)
 Project Classes Debug 1ST.cpp
                       1 #include<stdio.h
                            #include<stdlib.h>
                       3 = int main(){
4 | int a[10][10],b[10][10],mul[10][10],r,c,i,j,k;
                           system("cls");
printf("enter the number of row=");
scanf("%d",&r);
                                                                                  ■ C:\Users\chall\OneDrive\Documents\1ST.exe
                                                                                  enter the number of row=2
enter the number of column=2
enter the first matrix eleme
                           printf("enter the number of column=");
scanf("%d",&c);
printf("enter the first matrix element=\n");
                      10
                            for(i=0;i<r;i++)
                      12 1 (
                           for(j=0;j<c;j++)
                      14日 (
                            scanf("%d",&a[i][i]);
                      15
                      16
17
                                                                                   ultiply of the matrix=
                      18
19
                           printf("enter the second matrix element=\n");
for(i=0;i<r;i++)</pre>
                      20日 (
                      21 f
                            for(j=0;j<c;j++)
                                                                                   rocess exited after 18.43 seconds with return value 0
                      23
                            scanf("%d",&b[i][j]);
                      25
Compiler (2) The Resources Compile Log Debug A Find Results
                                 Lines: 49
                                              Length: 925
           Col: 43
                       Sel: 0
Line: 8
                                  2059 a
```

EXPERIMENT:-2(EVEN ODD OUTPUT)

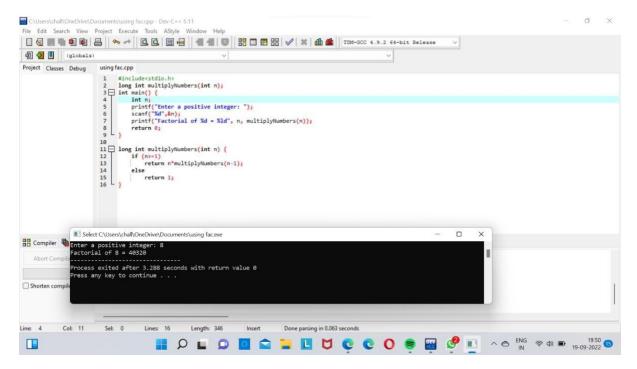




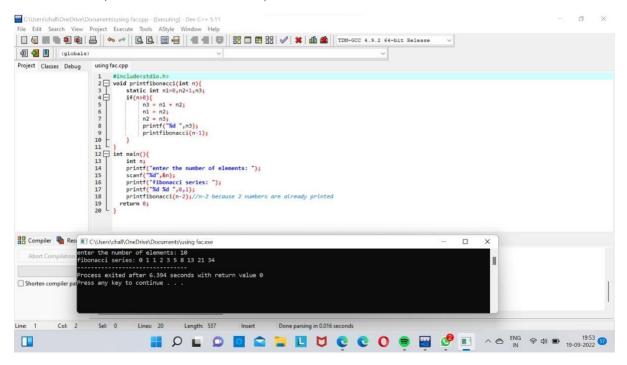
EXPERIMENT:4(FIBINOCCI WITHOUT OUTPUT)



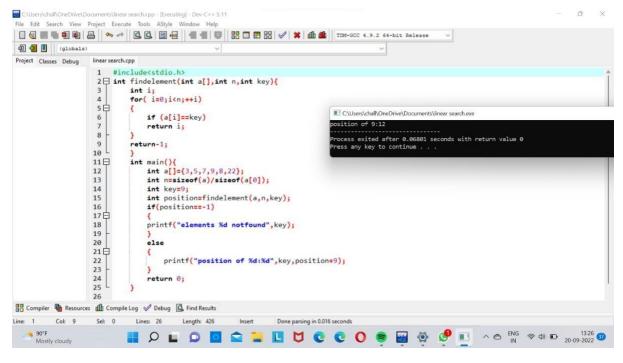
EXPERIMENT:5(FACTORIAL USING OUTPUT)



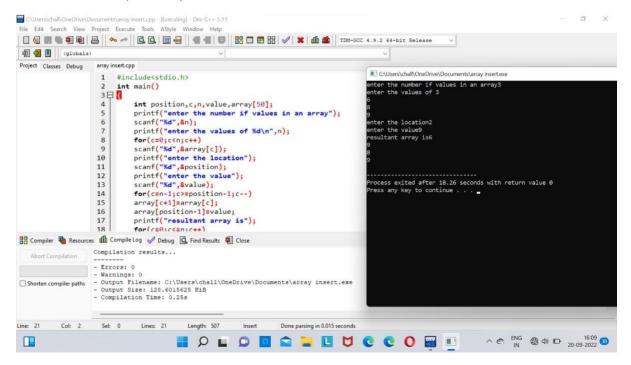
EXPERIMENT:6(FIBINOCCI USING OUTPUT)



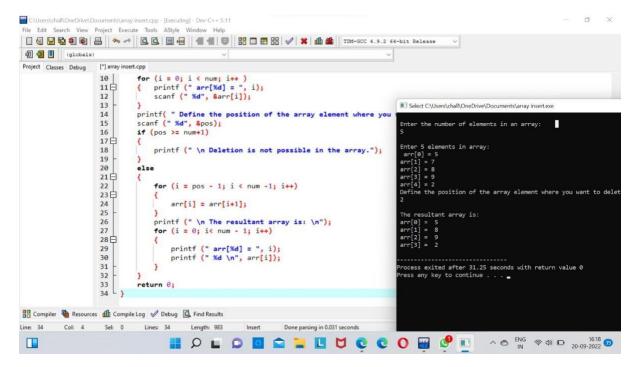
EXPERIMENT:-7(ARRAY OUTPUT)



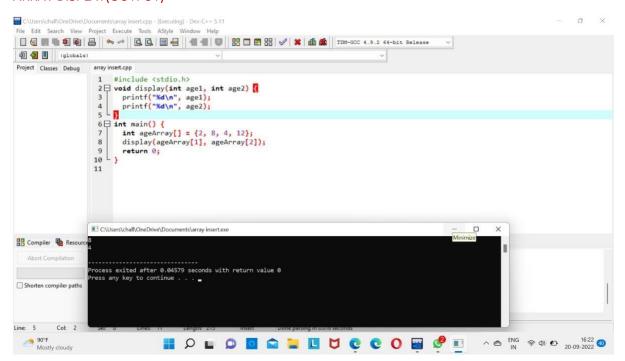
ARRAY INSERTION(OUTPUT)



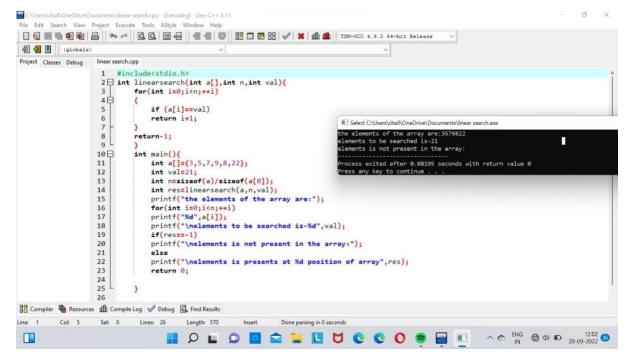
ARRAY DELETION(OUTPUT)



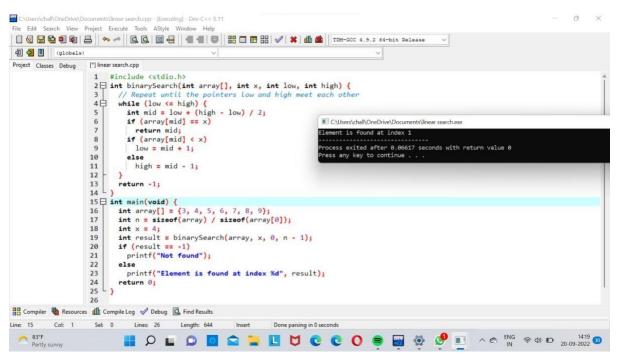
ARRAY DISPLAY(OUTPUT)



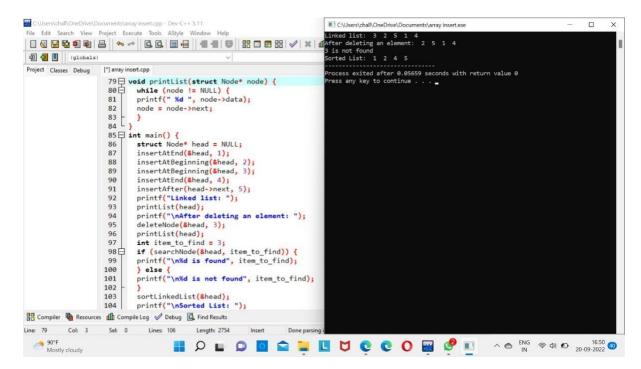
EXPERIMENT:-8(LINEARSEARCH(OUTPUT))



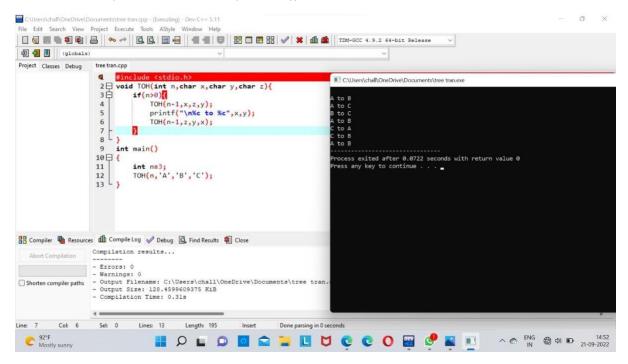
EXPERIMENT:9(BINARYSEARCH(OUTPUT)



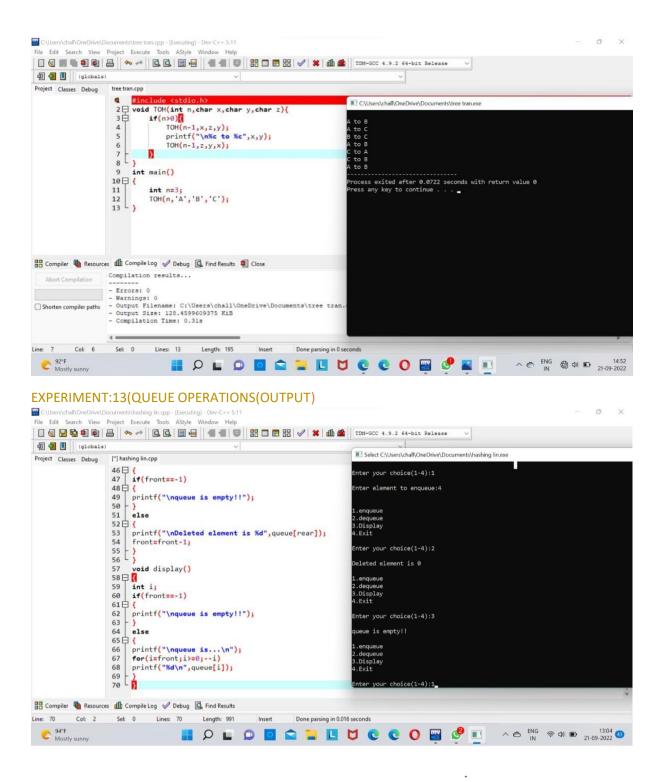
EXPERIMENT:10(LINKED LIST(OUTPUT))



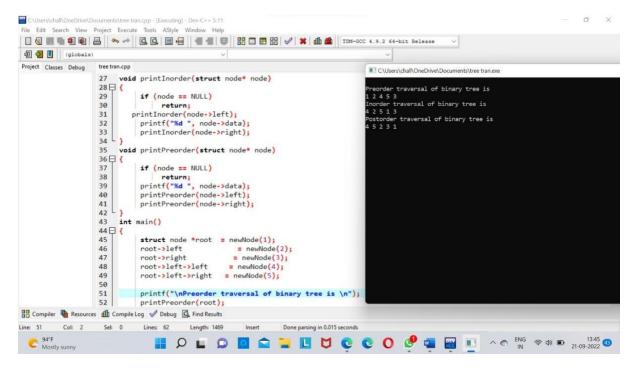
EXPERIMENT:11(STACK OPERATIONS(OUTPUT))



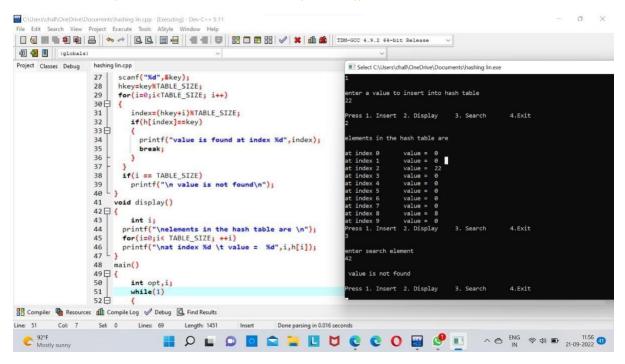
EXPERIMENT: 12(STACK APPLICATION)



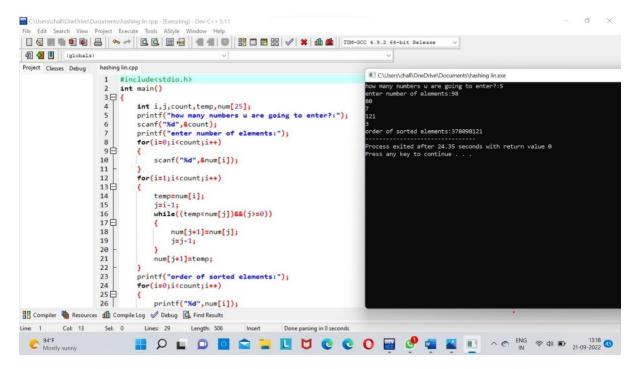
EXPERIMENT:14(TREE TRANSVERSAL(OUTPUT)



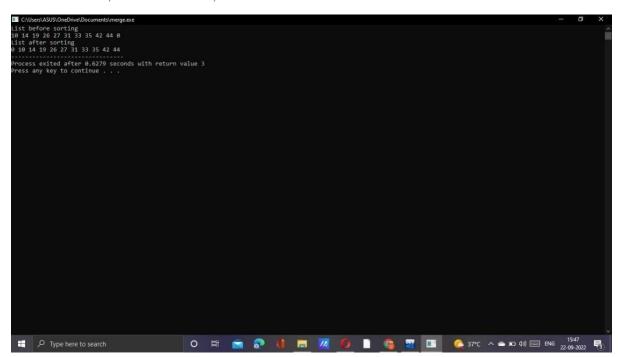
EXPERIMENT:-15(HASH USING LINEAR PROBING(OUTPUT))



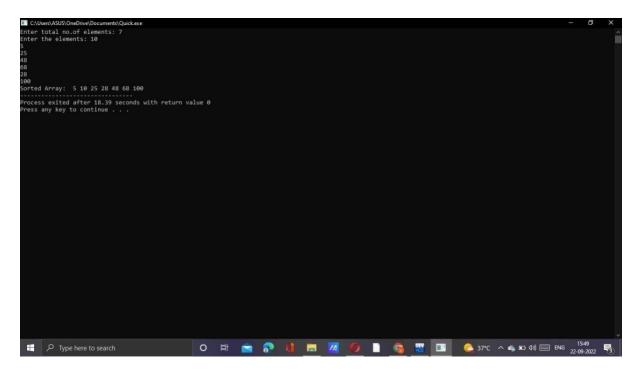
EXPERIMENT:16(INSERTION SORTING(OUTPUT)



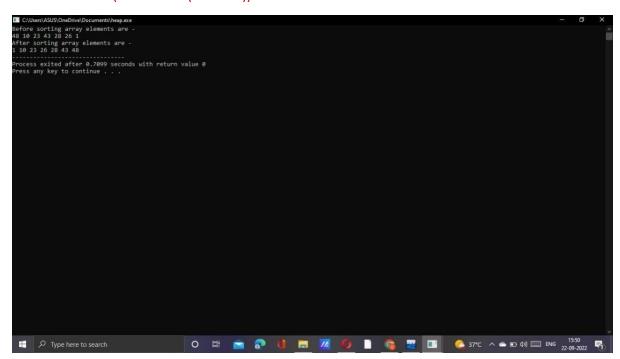
EXPERIMENT: 17 (MERGE SORTING)



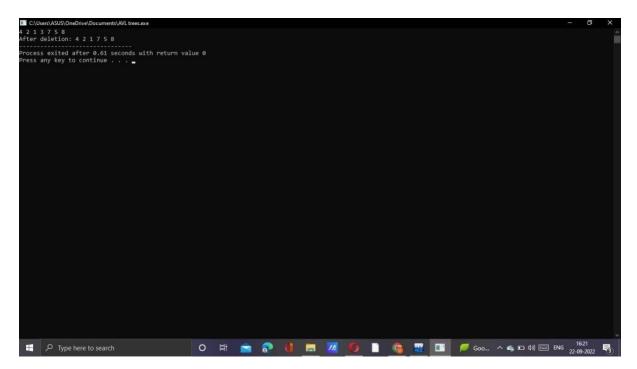
EXPERIMENT:-18(QUICK SORT(OUTPUT))



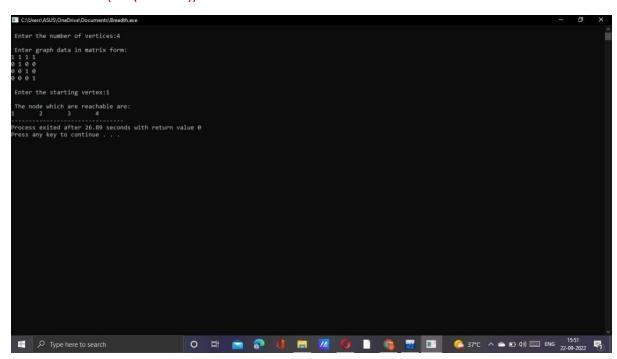
EXPERIMENT:-19(HEAP SORT (OUTPUT))



EXPERIMENT:20(AVL OPERATIONS(OUTPUT))

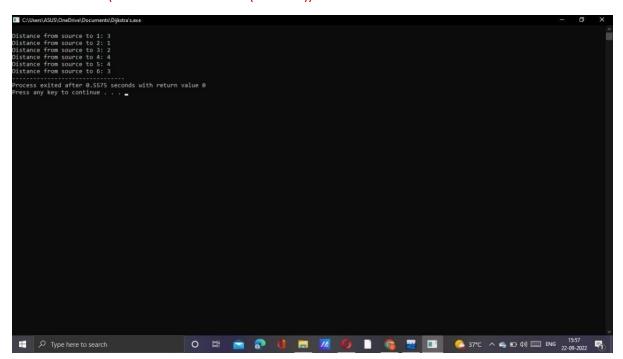


EXPERIMENT:21(BFS(OUTPUT))

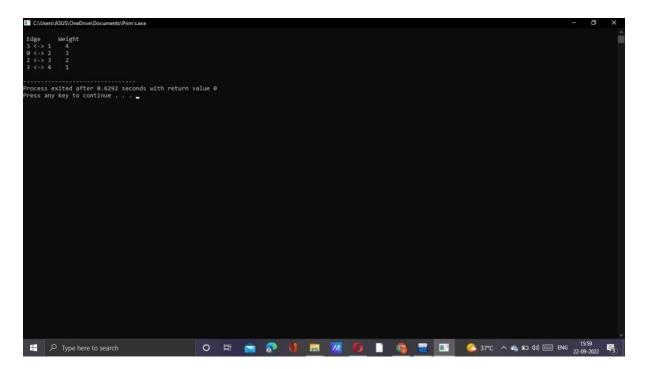


EXPERIMENT:22(DFS(OUTPUT))

EXPERIMENT:23(DIJIKSTRA ALGORITHM(OUTPUT))



EXPERIMENT:24(PRIM'S ALGORITHM(OUTPUT))



EXPERIMENT:25(KRUKAL ALGORITHM(OUTPUT)

