DATE:-22/09/22

COURSE NAME:-DATA STRUCTURES FOR EXPRESSION EVALUATION

COURSE CODE:-CSA0374

NAME OF THE STUDENT:- DILEEP.M

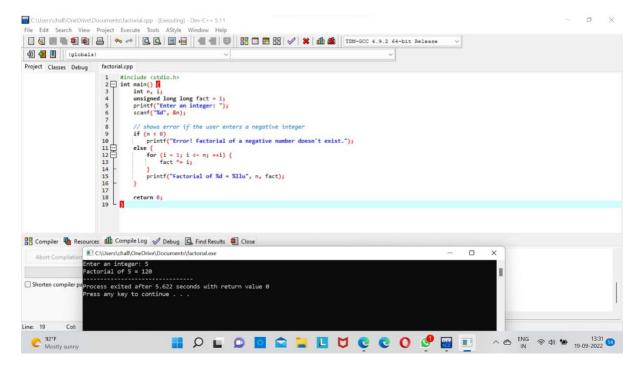
REGNO:-192111648

EXPERIMENT:-1(MATRIX OUT PUT)

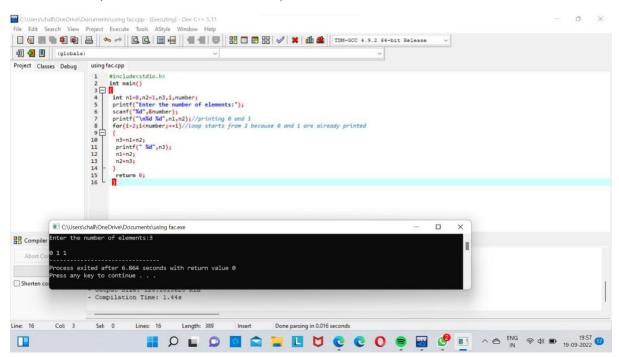
```
C:\Users\chall\OneDrive\Documents\1ST.cpp - [Executing] - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window H
□ 🔞 🖷 🐿 🚳 🔠 🕒 🔷 🖈 □ 🚨 🗎 📲 □ 📲 □ 🛗 □ 🖽 □ 🖽 □ 🛣 □ IDM-GCC 4.9.2 64-bit Release
 বী 🚺 📗 (globals)
Project Classes Debug 1ST.cpp
                  1 #include<stdio.h
                      #include<stdlib.h>
                  3 = int main(){
4 | int a[10][10],b[10][10],mul[10][10],r,c,i,j,k;
                     ■ C:\Users\chall\OneDrive\Documents\1ST.exe
                  10
                      for(i=0;i<r;i++)
                  12 1
                      for(j=0;j<c;j++)
                                                                   ter the second matrix element=
                  14 | {
                      scanf("%d",&a[i][j]);
                  15
                  17
                                                                  ultiply of the matrix=
                  18
                      printf("enter the second matrix element=\n");
for(i=0;i<r;i++)</pre>
                  19
                  20 1
                      for(j=0;j<c;j++)
                 21 f
                                                                   rocess exited after 18.43 seconds with return value 0
                  23
                      scanf("%d",&b[i][j]);
                  25
Compiler (2) 🍓 Resources 🛍 Compile Log 🥒 Debug 🗓 Find Results
                          Lines: 49 Length: 925
         Col: 43
                  Sel: 0
Line: 8
```

EXPERIMENT:-2(EVEN ODD OUTPUT)

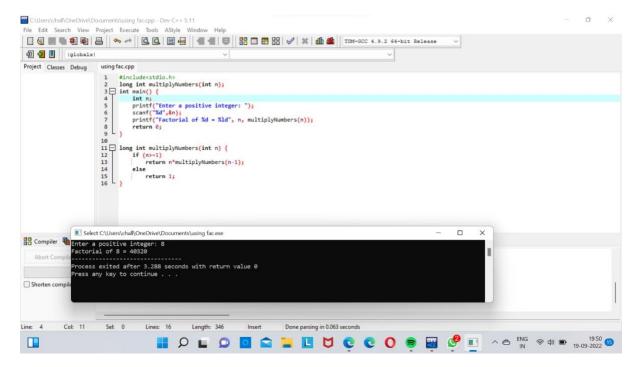
```
C:\Users\chall\OneDrive\Documents\15T.cpp - [Executing] - Dev-C++ 5.11
(globals)
 Project Classes Debug
                    1ST.cpp
                      1 #include<stdio.h>
                          #include<stdlib.h>
                      3 ☐ int main(){
                         int main(){
  int 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);
  printf("enter the number of column=");
  scanf("%d",&c);
  printf("enter the first matrix element=\n");
  fun(i=0,icuita);
}
                                                                               CAUsers\chall\OneDrive\Documents\1ST.eve
                                                                               enter the number of row=2
                     11
                          for(i=0;i<r;i++)
                         for(j=0;j<c;j++)
                                                                                ter the second matrix element=
                     14 1
                          scanf("%d",&a[i][j]);
                     16
                          printf("enter the second matrix element=\n");
                     18
                     19
                          for(i=0;i<r;i++)
                     21 for(j=0;j<c;j++)
                                                                                rocess exited after 18.43 seconds with return value 0 ress any key to continue . . . .
                     22日 (
                          scanf("%d",&b[i][j]);
                     23
                     24
                     26
Compiler (2) The Resources (1) Compile Log 🐶 Debug 💁 Find Results
          Col: 43
```



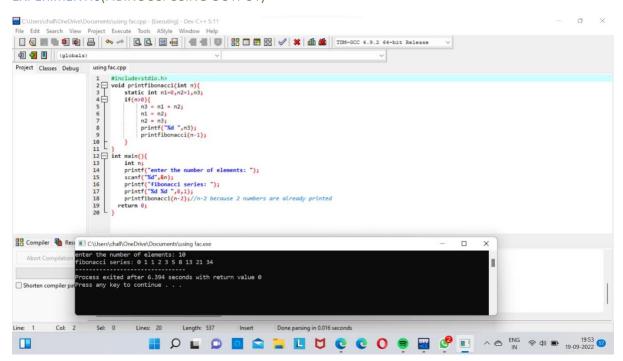
EXPERIMENT:4(FIBINOCCI WITHOUT OUTPUT)



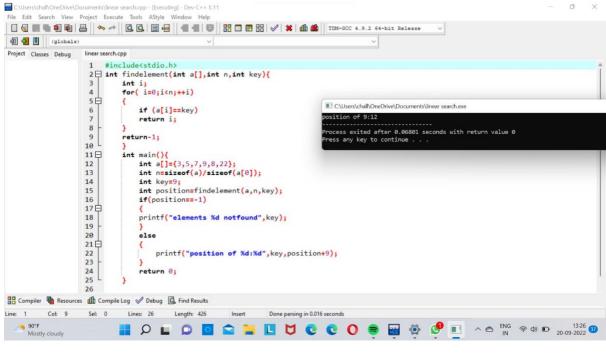
EXPERIMENT:5(FACTORIAL USING OUTPUT)



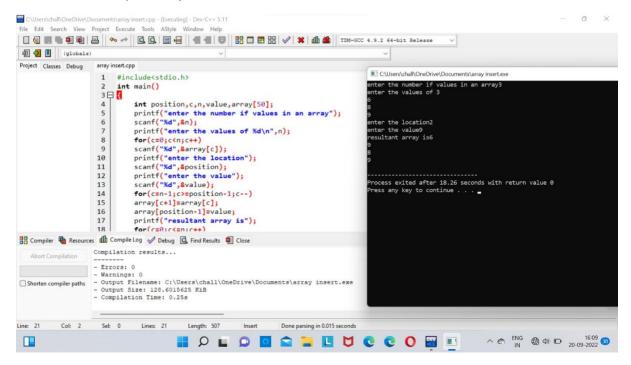
EXPERIMENT:6(FIBINOCCI USING OUTPUT)



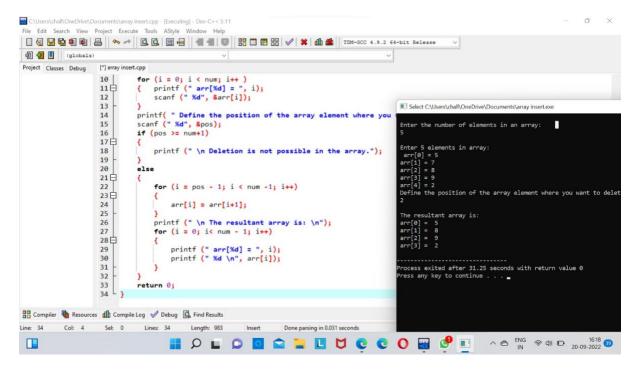
EXPERIMENT:-7(ARRAY OUTPUT)



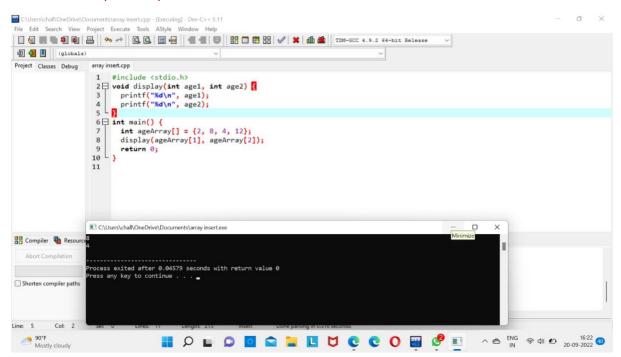
ARRAY INSERTION(OUTPUT)



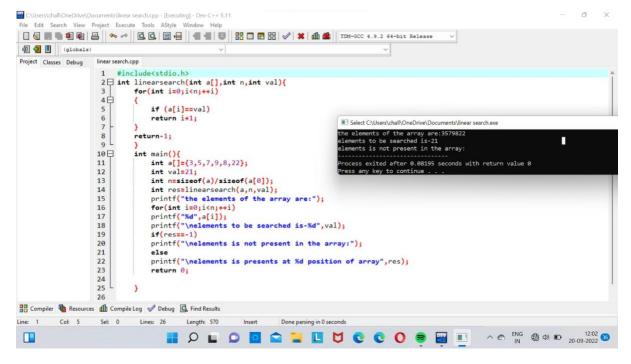
ARRAY DELETION(OUTPUT)



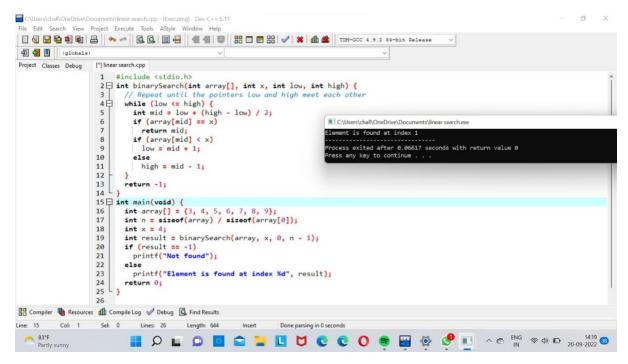
ARRAY DISPLAY(OUTPUT)



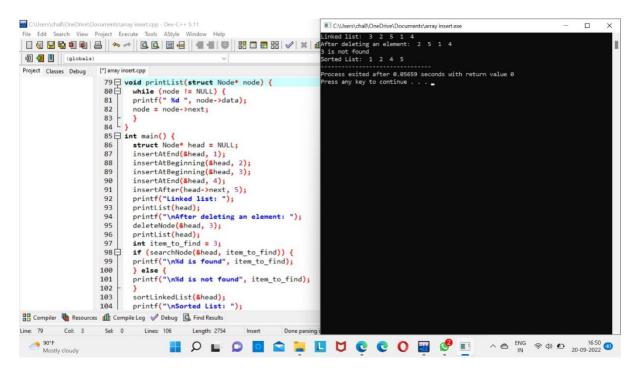
EXPERIMENT:-8(LINEARSEARCH(OUTPUT))



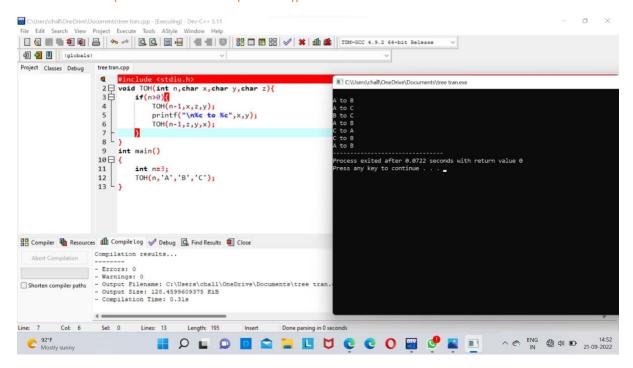
EXPERIMENT:9(BINARYSEARCH(OUTPUT)



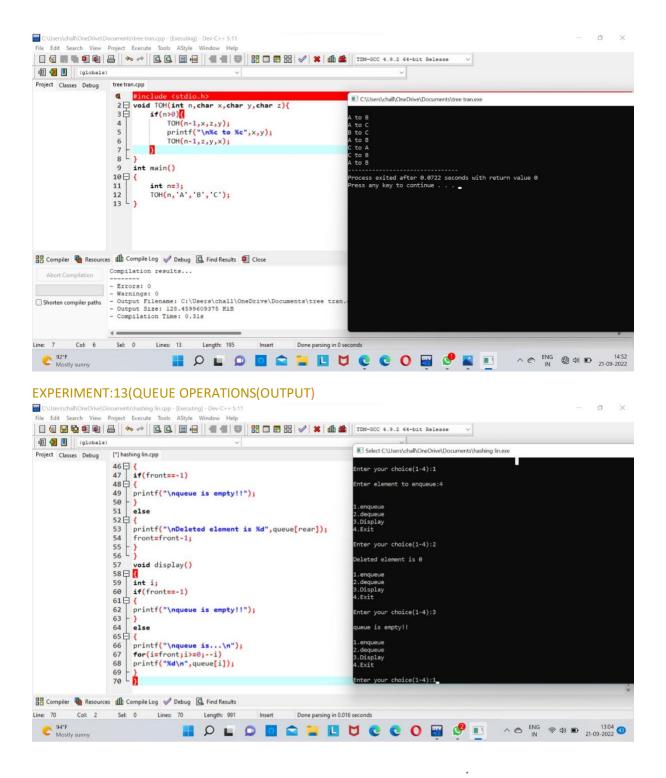
EXPERIMENT: 10(LINKED LIST(OUTPUT))



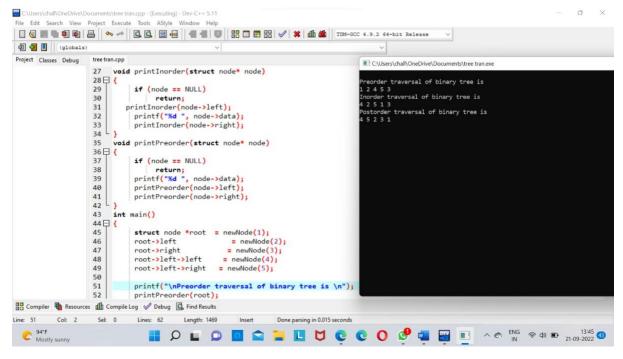
EXPERIMENT:11(STACK OPERATIONS(OUTPUT))



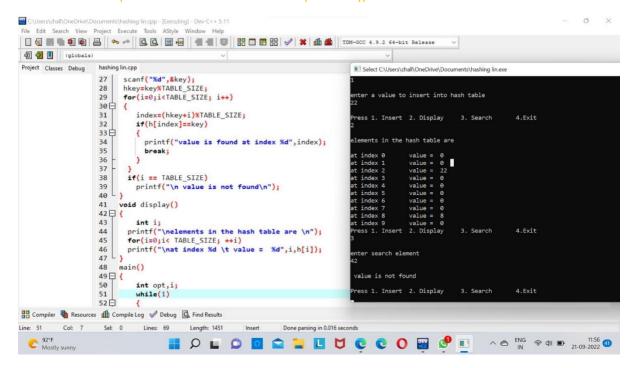
EXPERIMENT:12(STACK APPLICATION)



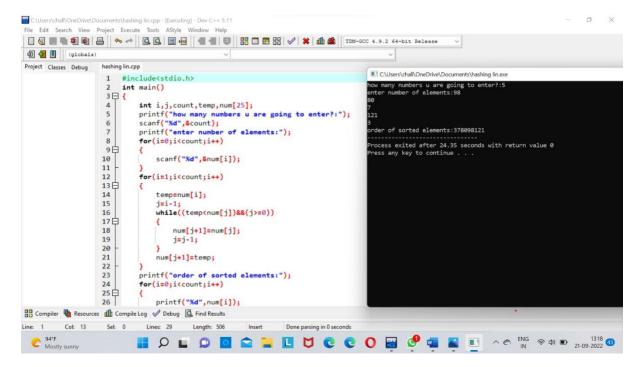
EXPERIMENT: 14(TREE TRANSVERSAL(OUTPUT)



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



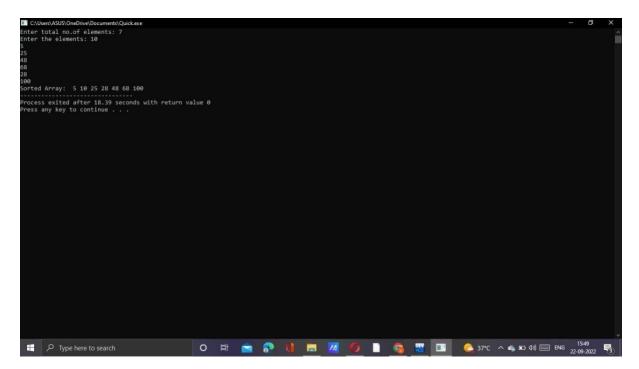
EXPERIMENT: 16 (INSERTION SORTING (OUTPUT)



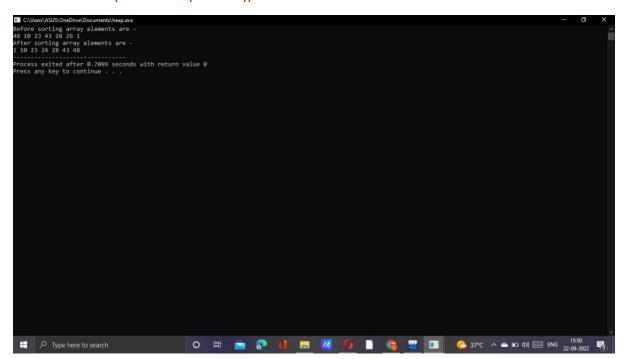
EXPERIMENT: 17 (MERGE SORTING)

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```

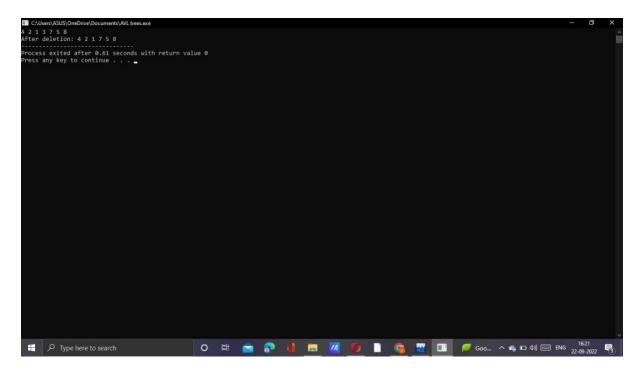
EXPERIMENT:-18(QUICK SORT(OUTPUT))



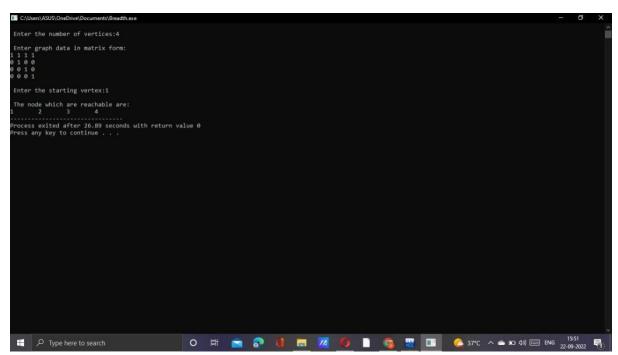
EXPERIMENT:-19(HEAP SORT (OUTPUT))



EXPERIMENT:20(AVL OPERATIONS(OUTPUT))



EXPERIMENT:21(BFS(OUTPUT))

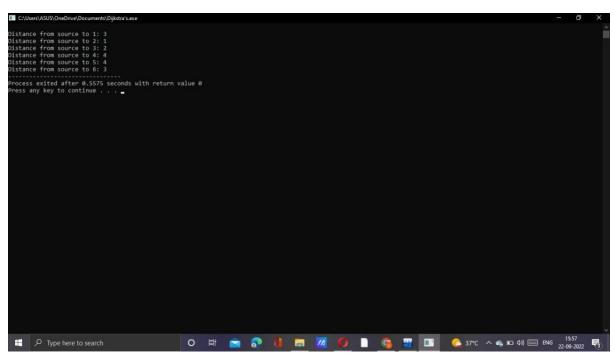


EXPERIMENT:22(DFS(OUTPUT))

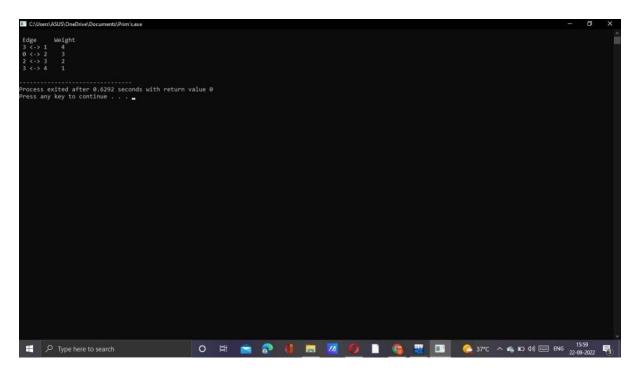
```
## P Type here to search

## A Type here to
```

EXPERIMENT:23(DIJIKSTRA ALGORITHM(OUTPUT))



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



EXPERIMENT:25(KRUKAL ALGORITHM(OUTPUT)

