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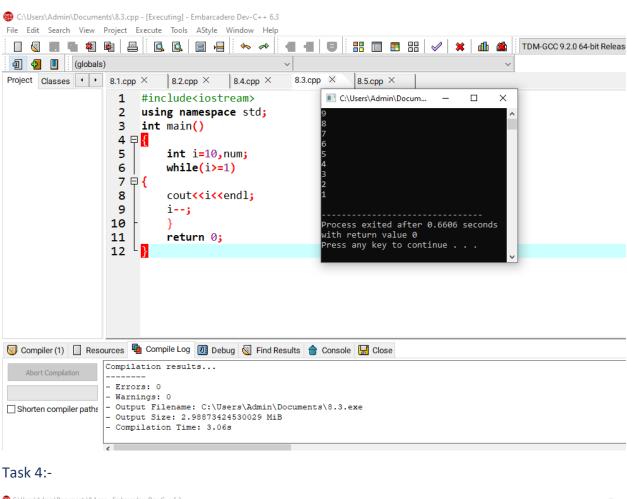
Semester : 1st

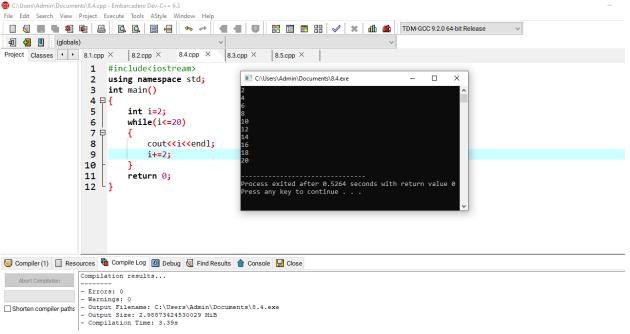
Lab Task : 8

Task 1:-

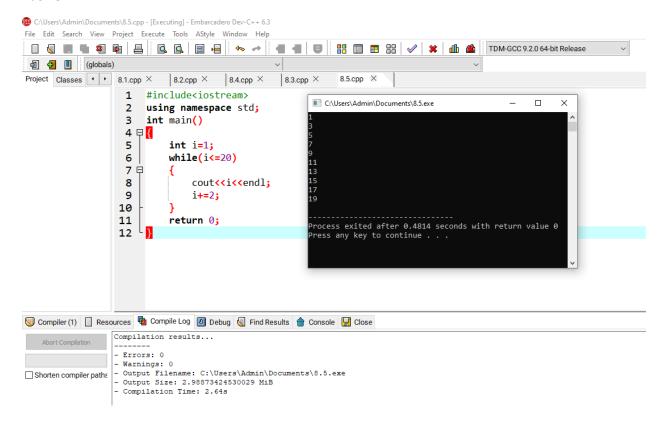
```
C:\Users\Admin\Documents\8.1.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
□ 🔞 🖫 🔁 🛍 🚇 🚨 🚨 🖟 🐟 🖈 📲 📲 🔡 🔡 🔡 🔡 TDM-GCC 9.2.0 64-bit Release
 (globals)
1 #include<iostream>
                                                                                               C:\Users\Admin\Documents\8.1.exe
                   2 using namespace std;
                                                                                                                                 3
                      int main()
                                                                                                uess the secret number(between 1-25)
                   4 ₽ {
                                                                                                ongratulations! You guessed the correct number
                   5
                            int SecretNo = 24;
                   6
                            int guess;
                                                                                               Process exited after 6.602 seconds with return
alue 0
Press any key to continue
                   7
                            do
                   8 🛱
                   9
                                 cout<<"Guess the secret number(between 1-25)"<<endl;</pre>
                  10
                                cin>>guess;
                  11
                  12
                            while(guess != SecretNo);
                  13 ₽
                                 cout<<"Congratulations! You guessed the correct number"<<endl;</pre>
                  14
                  15
                  16
                            return 0;
                  17
🦁 Compiler (1) 🔲 Resources 🖣 Compile Log 📵 Debug 🥞 Find Results 👚 Console 🔛 Close
                 Compilation results...
 Abort Compilation
                   Errors: 0
                 - Warnings: 0
- Output Filename: C:\Users\Admin\Documents\8.1.exe
- Output Size: 2.98873424530029 MiB
- Compilation Time: 2.77s
☐ Shorten compiler paths
Task 2:-
C:\Users\Admin\Documents\8.2.cpp - [Executing] - Embarcadero Dev-C++ 6.3
File Edit Search View Project Execute Tools AStyle Window Help
□ 💿 📰 🔁 🛍 👜 🚊 🗓 🖟 👆 🔸 → 📲 📲 🐯 🛗 🔠 TDM-GCC 9.2.0 64-bit Release
 (globals)
Project Classes • • 8.1.cpp × 8.2.cpp × 8.4.cpp ×
                                                       [*] 8.3.cpp × 8.5.cpp ×
                      1 #include<iostream>
                      2
                         using namespace std;
                      3
                          int main()
                                                                                       C:\Users\Admin\Documents\8.2.exe
                      4 ₽ {
                                                                                       Enter a Positive Integer:
                      5
                               int num;
                      6
                               float factorial=1;
                                                                                       Factorial of 7 = 5040
                               cout<<"Enter a Positive Integer:"<<endl;</pre>
                      7
                      8
                               cin>>num;
                                                                                       Process exited after 6.375 seconds with return value 0
Press any key to continue . . .
                      9
                               for(int i=1;i<=num;++i)</pre>
                    10 ₽
                                    factorial*=i;
                    11
                    12
                               cout<<" Factorial of "<<num<<" = "<< factorial << std::endl;</pre>
                    13
                    14
                    15
                               return 0:
                     16 L}
Compilation results..
                     Errors: 0
                   - Wathings: 0
- Output Filename: C:\Users\Admin\Documents\8.2.exe
- Output Size: 2.98873424530029 MiB
- Compilation Time: 2.66s
Shorten compiler paths
```

Task 3:-





Task 5:-



THANK YOU!