### NAME:MISHAAL AAMIR

# SUBJECT:PF

#### SAP ID:64883

## TASK:1

```
File Edit Search View Project Execute Tools AStyle Window Help
  ብ 🛽 🔳 (globals)
1 #include<iostream>
                                                                                             C:\Users\Sardar Waqar\Desktop\lab 3 task 1.exe
                                                                                           ENTER YOUR NAME:MISHAAL
ENTER YOUR CNIC:1234567890
ENTER YOUR SEMESTER:1
ENTER YOUR GRADE:A
YOUR NAME IS:MISHAAL
YOUR CNIC IS:1224567890
YOUR SEMESTER IS:1
YOUR GRADE IS:
                 2 using namespace std;
3 int main()
                 4⊟ {
                           string name;
                           int cnic;
                           int semester;
                          char grade;
cout<<"ENTER YOUR NAME:";
cin>>name;
                                                                                             Process exited after 14.68 seconds with return value 0
Press any key to continue . . .
                10
                11
                           cout<<"ENTER YOUR CNIC:";
                12
13
                          cin>>cnic;
cout<<"ENTER YOUR SEMESTER:";</pre>
                14
15
                          cin>>semester;
cout<<"ENTER YOUR GRADE:";</pre>
                16
17
                          cin>>grade;
                          cout<<"YOUR NAME IS :"<<name<<endl;
cout<<"YOUR CNIC IS:"<<cnic<<endl;
cout<<"YOUR SEMESTER IS:"<<semester<<endl;</pre>
                19
                20
                21
22
                           cout<<"YOUR GRADE IS:"<<grade<<endl;</pre>
                           return 0;
© Compiler (1) ☐ Resources 🖣 Compile Log 📵 Debug 🖫 Find Results 🏚 Console 🖼 Close
                       - Output Filename: C:\Users\Sardar Waqar\Desktop\lab 3 ta:
- Output Size: 2.99529552459717 MiB
- Compilation Time: 1.25s
 Abort Compilation
Shorten compiler patl
🛅 📀 🙃 💁 🕓 🥵 💷
```

### TASK:2

```
File Edit Search View Project Execute Tools AStyle Window Help
  □ □ ■ ■ ■ ■ □ □ □ □ □ □ □ TDM-GCC 9.2.0 64-bit Release
                                                                                                                       ණ 🧶 🗓 (globals)
 Project C · · I task 2.cpp
                 1 #include<iostream>
                 2 using namespace std;
3 int main()
                  4□ {
                           float pi=3.14;
                  5
                           double radius;
cout<<"enter the radius of circle:"<<endl;</pre>

    C:\Users\Sardar Waqar\Desktop\noor task 2.exe

                            cin>>radius;
                           float area=pi*radius*radius;
float circumference=2*pi*radius;
cout<<"area of circle="<<area<<endl;
cout<<"circumference of circle="<<circumference<<endl;
                                                                                                       enter the radius of circle:
                 10
                                                                                                        rea of circle=1661.06
                 11
                                                                                                       circumference of circle=144.44
                 12
                                                                                                       Process exited after 4.377 seconds with return value 0
Press any key to continue . . . .
                           return 0;
                 14

    © Compiler (2) ☐ Resources    Compile Log    Debug    Find Results    Console    Close

                          Output Filename: C:\Users\Sardar Waqar\Desktop\noor task 2.exe Output Size: 2.98922252655029 MiB Compilation Time: 1.58s
Shorten compiler patl
^ ■ 11:01 am
```

### TASK:3

```
File Edit Search View Project Execute Tools AStyle Window Help
  到 図 (globals)
Project C · · · task 2.cpp × taxkuum 3.cpp
                1 #include<iostream>
                                                                                              ■ C:\Users\Sardar Waqar\Desktop\taxk noor 3.exe
                2 using namespace std;
3 int main()
                                                                                             ENTER THE CAST OF MEAL
                                                                                             price of your meal is:800
your meal tax is:74
your meal tip is:174.8
your total payable amount is:1048.8
                 4□ {
                          float meal;
                5
                          cout<<"ENTER THE CAST OF MEAL"<<endl;
                          cin>>meal;
                          float tax=meal*9.25/100;
                                                                                              rocess exited after 4.842 seconds with return value 0 ress any key to continue . . . _
                         float mtax=meal+tax;
float tip=mtax*20/100;
                10
                11
                         float total=mtax+tip;
                12
                         cout<<" price of your meal is:"<<meal<<endl;
cout<<"your meal tax is:"<<tax<<endl;
cout<<"your meal tip is:"<<tip<<endl;</pre>
                13
                14
                15
                16
                          cout<<"your total payable amount is:"<<total;</pre>
                17
                          return 0:
Sompiler (11) ☐ Resources  Compile Log  Debug  Find Results  Console  Close
                         Output Filename: C:\Users\Sardar Waqar\Desktop\taxk noor
Output Size: 2.98922252655029 MiB
Compilation Time: 1.88s
Shorten compiler patl

    ⊕ Search
```

TASK:4

