

The screenshot shows the Visual Studio Code interface with a C++ file named 6.cpp open. The Explorer sidebar on the left shows a project structure with folders for python, c++, and .vscode, and a file explorer for fakhir containing files 1.cpp through 6.cpp and their corresponding .exe files. The main editor window displays the following C++ code:

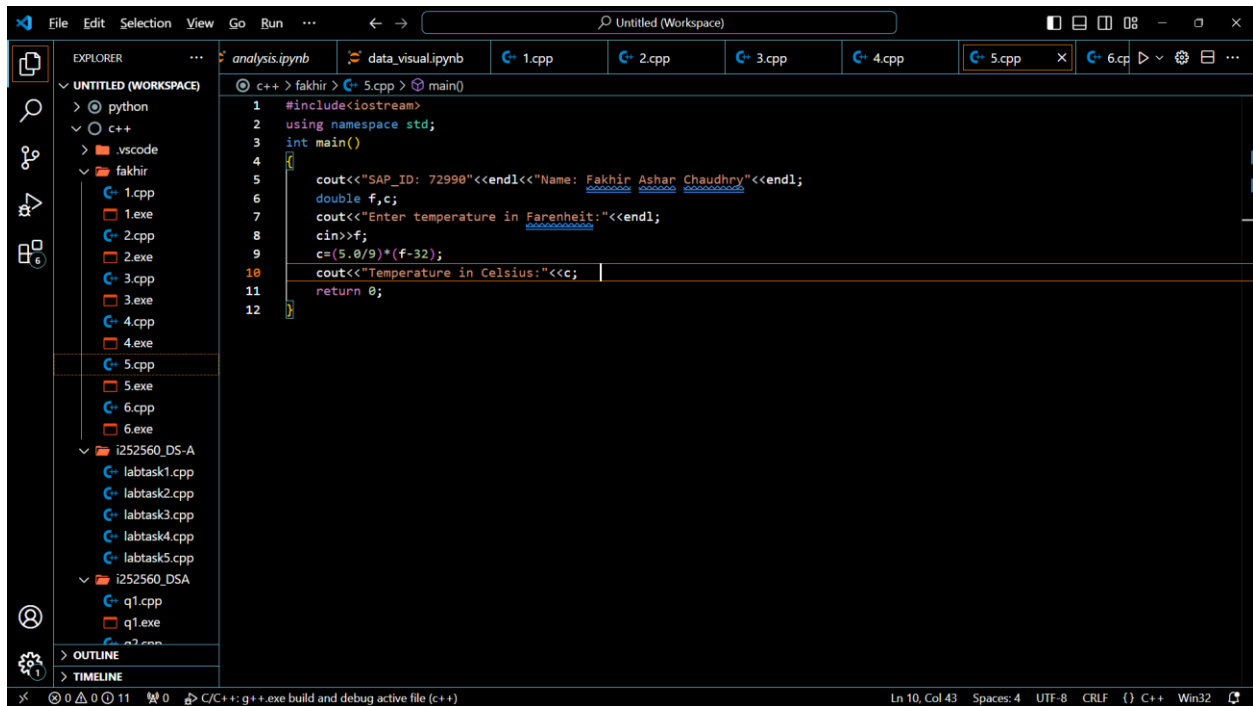
```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"SAP_ID: 72990"<<endl<<"Name: Fakhir Ashar Chaudhry"<<endl;
6     double v,l,h,w;
7     cout<<"Enter length of cube:"<<endl;
8     cin>>l;
9     cout<<"Enter height of cube:"<<endl;
10    cin>>h;
11    cout<<"Enter width of cube:"<<endl;
12    cin>>w;
13    v=l*h*w;
14    cout<<"Volume of cube is:"<<v<<endl;
15    return 0;
16 }
```

The status bar at the bottom indicates the file is 6.cpp, line 1, column 19, with 4 spaces, UTF-8 encoding, CRLF line endings, and C++ language. The window title is Win32.

```
PS F:\.vscode\c++> & 'c:\Users\user\.vscode\extensions\ms-vsco
Launcher.exe' '--stdin=Microsoft-MIEngine-In-bkxufxgp.dag' '--s
oft-MIEngine-Error-c0oy10i1.4tg' '--pid=Microsoft-MIEngine-Pid-
terpreter=mi'
SAP_ID: 72990
Name: Fakhir Ashar Chaudhry
Enter length of cube:
3
Enter height of cube:
3
Enter width of cube:
3
Volume of cube is:27
PS F:\.vscode\c++> 
```

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"SAP_ID: 72990"<<endl<<"Name: Fakhir Ashar Chaudhry"<<endl;
6     double a,b,c,d,e,per,f,total;
7     cout<<"Enter total marks:"<<endl;
8     cin>>total;
9     cout<<"Enter obtained marks of 5 subjects:"<<endl;
10    cin>>a>>b>>c>>d>>e;
11    f=(a+b+c+d+e)/total;
12    per=f*100;
13    cout<<"Percentage="<<per;
14    return 0;
15 }
```

```
PS F:\.vscode\c++> & 'c:\Users\user\.vscode\extensions\ms-vscode.cpptools\bin\DebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-xdtzqjtderr=Microsoft-MIEngine-Error-hxbwgioj.w3i' '--pid=Microsoft-MIEngine-Error-hxbwgioj.w3i' 'bin\gdb.exe' '--interpreter=mi'
SAP_ID: 72990
Name: Fakhir Ashar Chaudhry
Enter total marks:
500
Enter obtained marks of 5 subjects:
100
90
80
95
89
Percentage=90.8
PS F:\.vscode\c++>
```



```
PS F:\.vscode\c++> & 'c:\Users\user\.vscode\extensions\msDebugLauncher.exe' '--stdin=Microsoft-MIEngine-In-xnazun
tderr=Microsoft-MIEngine-Error-b2ckhky.hmz' '--pid=Micro
bin\gdb.exe' '--interpreter=mi'
SAP_ID: 72990
Name: Fakhir Ashar Chaudhry
Enter temperature in Farenheit:
100
Temperature in Celsius:37.7778
PS F:\.vscode\c++> █
```

