

Mishaal Aamir

64880

Task 1:

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"HELLO WORD";
6     return 0;
7 }
```

HELLO WORD

Process exited after 2.74 seconds with return value 0
Press any key to continue . . .

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

Output Filename: C:\Users\Sardar Waqar\Desktop\a.exe
Output Size: 2.98854827880859 MiB
Compilation Time: 1.88s

Line: 6 Col: 14 Sel: 0 Lines: 7 Length: 92 Insert Done parsing in 0.921 seconds

Task 2:

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"++++++<end1;
6     cout<<"++++++<end1;
7     cout<<"  WELLCOME TO PROGRAMIG FUNDAMENTAL  "<end1;
8     cout<<"++++++<end1;
9     cout<<"++++++<end1;
10
11     return 0;
12 }
```

++++++
WELLCOME TO PROGRAMIG FUNDAMENTAL
++++++

Process exited after 2.371 seconds with return value 0
Press any key to continue . . .

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

Output Filename: C:\Users\Sardar Waqar\Desktop\a.exe
Output Size: 2.98873424530029 MiB
Compilation Time: 1.45s

Line: 7 Col: 53 Sel: 0 Lines: 12 Length: 368 Insert Done parsing in 0.015 seconds

Task 3:

The screenshot shows the Embarcadero Dev-C++ IDE. The main window displays a C++ program in `a.cpp` with the following code:

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"EMPLOYEE INFORMATION"<<endl;
6     string name="MISHAAL AAMIR";
7     int id=64883;
8     string department="cyber security";
9     string job ="Manager";
10    cout<<"NAME:"<<name<<endl;
11    cout<<"EMPLOYEE ID:"<<id<<endl;
12    cout<<"DEPARTMENT:"<<department<<endl;
13    cout<<"JOB :"<<job;
14        return 0;
15 }
```

The console window shows the output of the program:

```
name: Mishaal Aamir
sap id : 64883
department : cyber security
course : programing fundamentals
Process exited after 1.116 seconds with return value 0
Press any key to continue . . .
```

The compiler window shows an error message:

```
Line Col File Message
C:\Program Files (x86)\Embarcadero\Dev-Cpp\TD... cannot open output file C:\Users\Sardar Waqar\Desktop\a.exe: Permission denied
C:\Users\Sardar Waqar\Desktop\collect2.exe [Error] ld returned 1 exit status
```

Task 4:

The screenshot shows the Embarcadero Dev-C++ IDE. The main window displays a C++ program in `a.cpp` with the following code:

```
1 #include<iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"EMPLOYEE INFORMATION"<<endl;
6     string name="MISHAAL AAMIR";
7     int id=64883;
8     string department="cyber security";
9     string job ="Manager";
10    cout<<"NAME:"<<name<<endl;
11    cout<<"EMPLOYEE ID:"<<id<<endl;
12    cout<<"DEPARTMENT:"<<department<<endl;
13    cout<<"JOB :"<<job;
14        return 0;
15 }
```

The console window shows the output of the program:

```
EMPLOYEE INFORMATION
NAME:MISHAAL AAMIR
EMPLOYEE ID:64883
DEPARTMENT:cyber security
JOB :Manager
Process exited after 1.031 seconds with return value 0
Press any key to continue . . .
```

The compiler window shows the output of the compilation:

```
- Output Filename: C:\Users\Sardar Waqar\Desktop\
- Output Size: 2.99020433990479 MiB
- Compilation Time: 1.42s
```

The status bar at the bottom shows: Line: 6 Col: 24 Sel: 0 Lines: 15 Length: 335 Insert Done parsing in 0.016 seconds