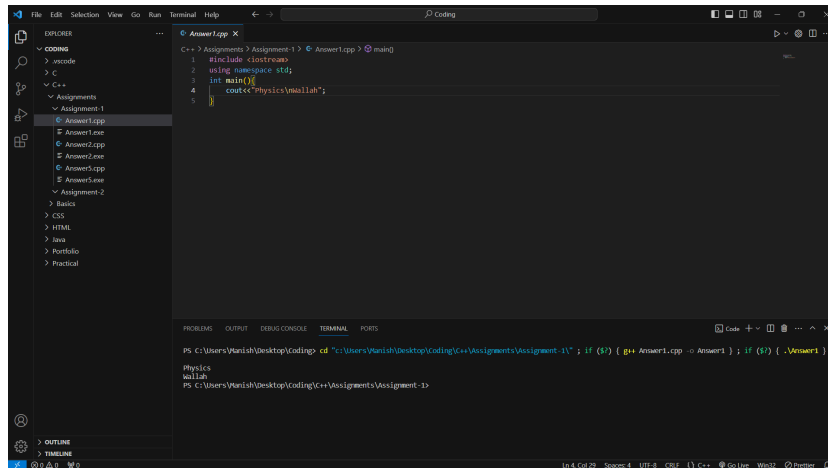


# Assignment-1

**Question-1:** How can you output “Physics” and “Wallah” in two different lines in C++?

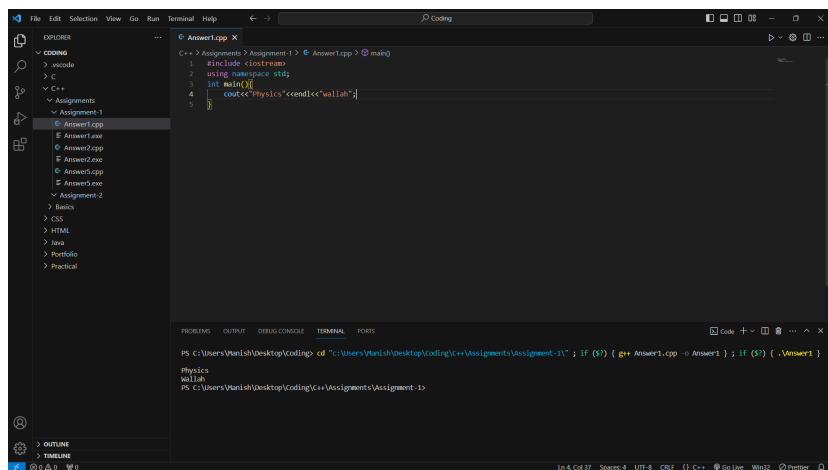
**Answer:** By using “\n” or by using “endl”.



```
C++ -> Assignments > Assignment-1 > Answer1.cpp > main()
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"Physics\nWallah";
6 }
```

```
PS C:\Users\Vanish\Desktop\coding> cd "C:\Users\Vanish\Desktop\coding\C++\Assignments\Assignment-1\" ; if ($?) { g++ Answer1.cpp -o Answer1 }; if ($?) { .\Answer1 }
Physics
Wallah
PS C:\Users\Vanish\Desktop\coding\C++\Assignments\Assignment-1>
```

OR

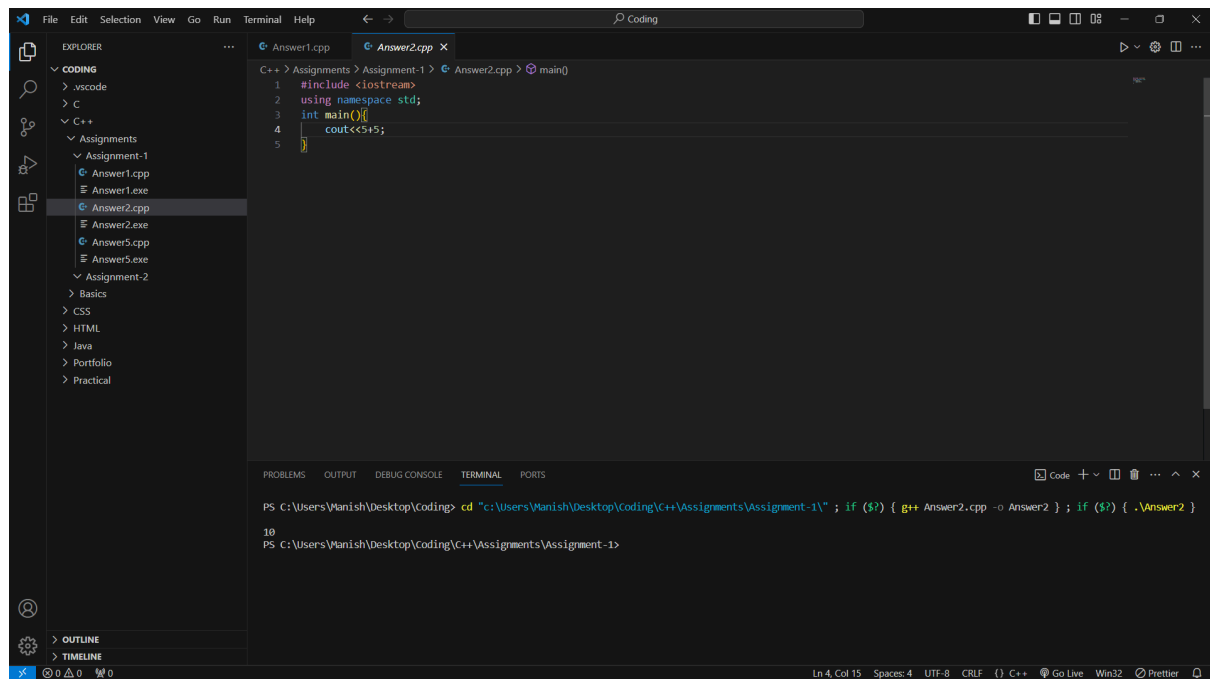


```
C++ -> Assignments > Assignment-1 > Answer1.cpp > main()
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     cout<<"Physics"<<endl<<"Wallah";
6 }
```

```
PS C:\Users\Vanish\Desktop\coding> cd "C:\Users\Vanish\Desktop\coding\C++\Assignments\Assignment-1\" ; if ($?) { g++ Answer1.cpp -o Answer1 }; if ($?) { .\Answer1 }
Physics
Wallah
PS C:\Users\Vanish\Desktop\coding\C++\Assignments\Assignment-1>
```

**Question 2:** Write a program to print 10 using 2 positive numbers less than 6 in C++ as output.

## Answer:



**Question 3:** How much space do the following data types take?

- a) Int: 4 Bytes
- b) Bool: 1 Byte
- c) Float: 4 Bytes

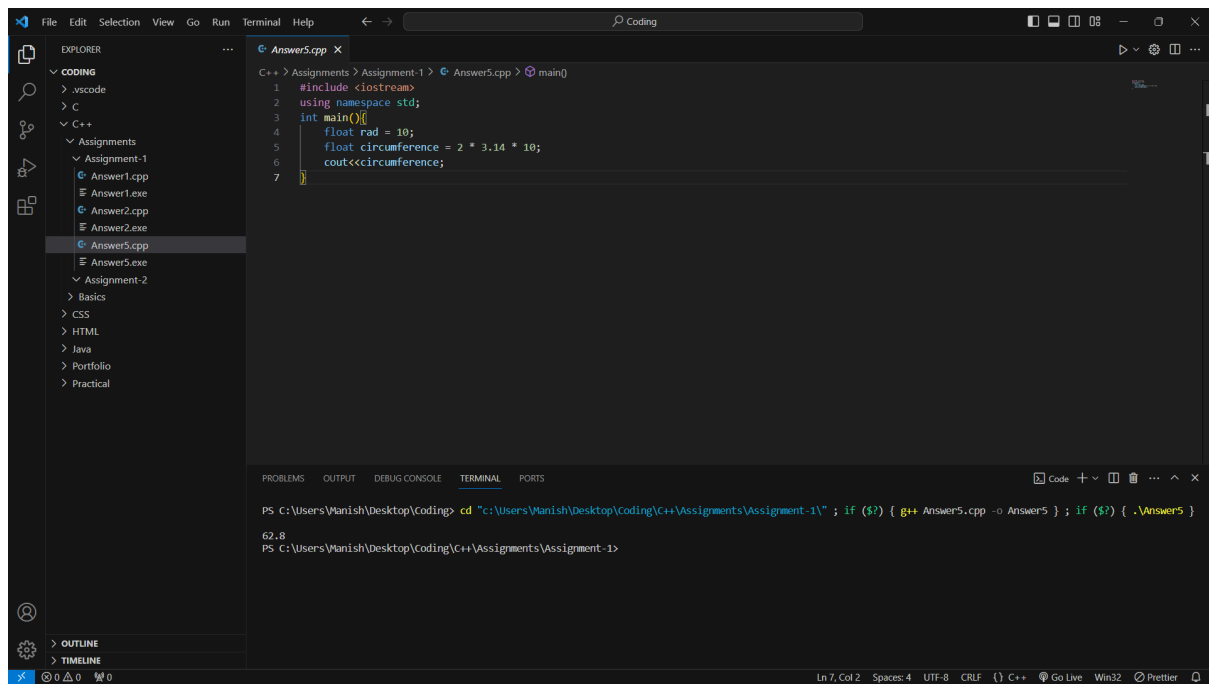
**Question 4:** What is the output of this program?

```
int main() {
int a = 4;
int b = 5;
a++, b--;
cout << ++a << " " << b--;
}
```

**Answer:** 6    5

**Question 5:** Write a program to find the circumference of a circle with radius 10 in C++.

## Answer:



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left shows a project structure with folders for .vscode, C, C++, and Assignments. Under Assignments, there is a folder 'Assignment-1' containing 'Answer1.cpp', 'Answer1.exe', 'Answer2.cpp', and 'Answer2.exe'. The main editor displays 'Answer5.cpp' with the following code:

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     float rad = 10;
6     float circumference = 2 * 3.14 * 10;
7     cout<<circumference;
```

The TERMINAL panel at the bottom shows the command prompt output:

```
PS C:\Users\Manish\Desktop\Coding> cd "C:\Users\Manish\Desktop\Coding\C++\Assignments\Assignment-1\" ; if ($?) { g++ Answer5.cpp -o Answer5 } ; if ($?) { .\Answer5 }
62.8
PS C:\Users\Manish\Desktop\Coding\C++\Assignments\Assignment-1>
```

**Question 6:** How many of these can be a variable name?

- 01Pwskills
- \_FLOAT
- int
- FLOAT
- You will succeed

**Answer:** \_FLOAT, FLOAT can be the only variable names.