Assignment -1

C++

1] How can you output "Physics" and "Wallah" in two different lines in C++?

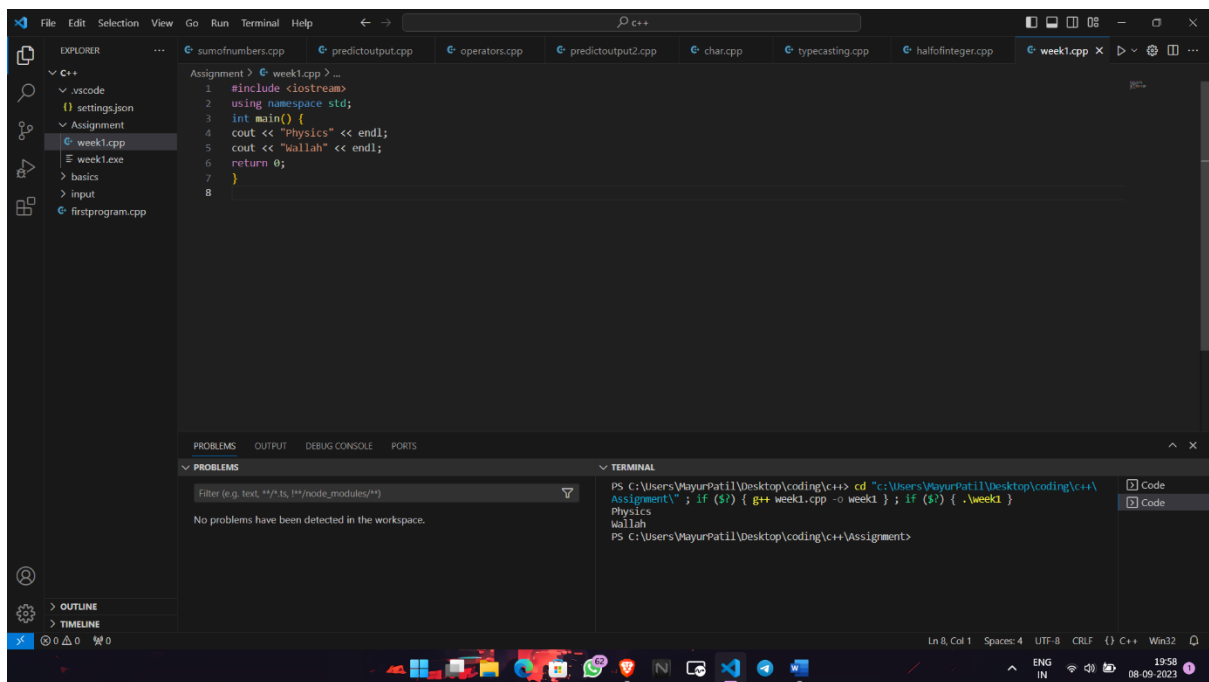Solution:

#include <iostream>

using namespace std;

int main() {

cout << "Physics" << endl;

cout << "Wallah" << endl;

return 0;

}

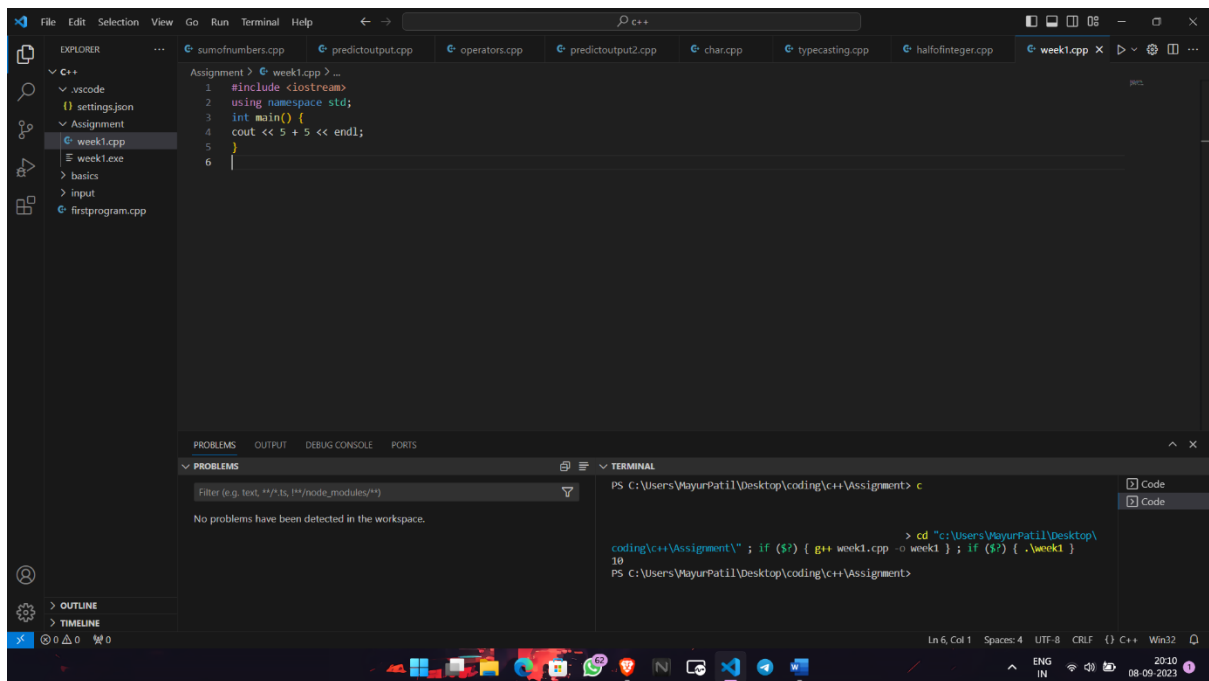**2]Print 10 using 2 positive numbers less than 6 in C++ as output.**

Solution:

#include <iostream>

using namespace std;

int main() {

cout << 5 + 5 << endl;

}

3]How much space does the following data types take?

int

bool

float

Solution:

int 4 bytes

bool 1 byte

float 4 bytes

4]What is the output of this program?
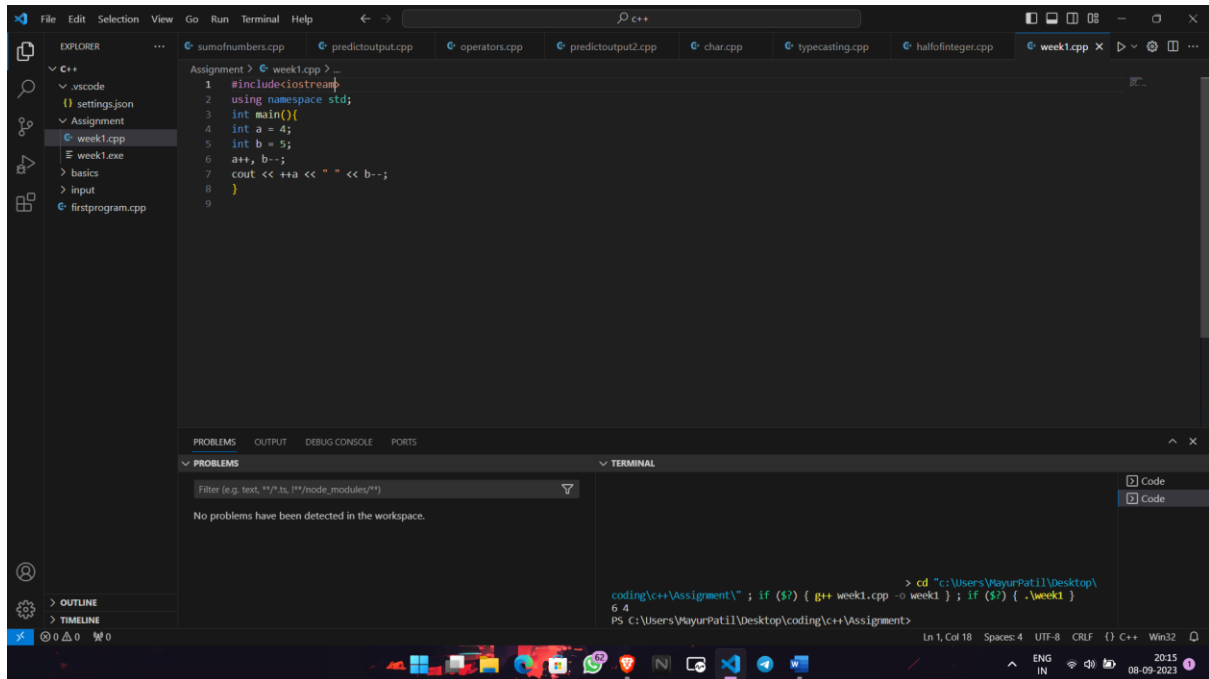
int main() {

int a = 4;

int b = 5;

a++, b--;

cout << ++a << " " << b--;

}

Solution:

6 4

5]WAP to find the circumference of a circle with radius 10 in C++.

Solution:

#include <iostream>

using namespace std;

int main() {

int r = 10;

int pi = 3.14;

int circumference = 2 * pi * r;

cout << circumference;

return 0;

}

6]How many of these can be a variable name ?

01Pwskills

_FLOAT

int

FLOAT

You will succeed

Solution:

7]Only 2 of the above can be a variable name.

First option is incorrect since a variable name cannot start with a number.

2nd option is correct because a variable name can start with underscore.

3rd option is incorrect as a variable name because int is a reserved keyword and cannot be used as a variable name.

4th option is still correct because C++ is a case sensitive language. Here **FLOAT** and float are treated differently therefore **FLOAT** is not a reserved keyword hence can be used as variable name.

Last option is incorrect because no variable can have spaces in between.