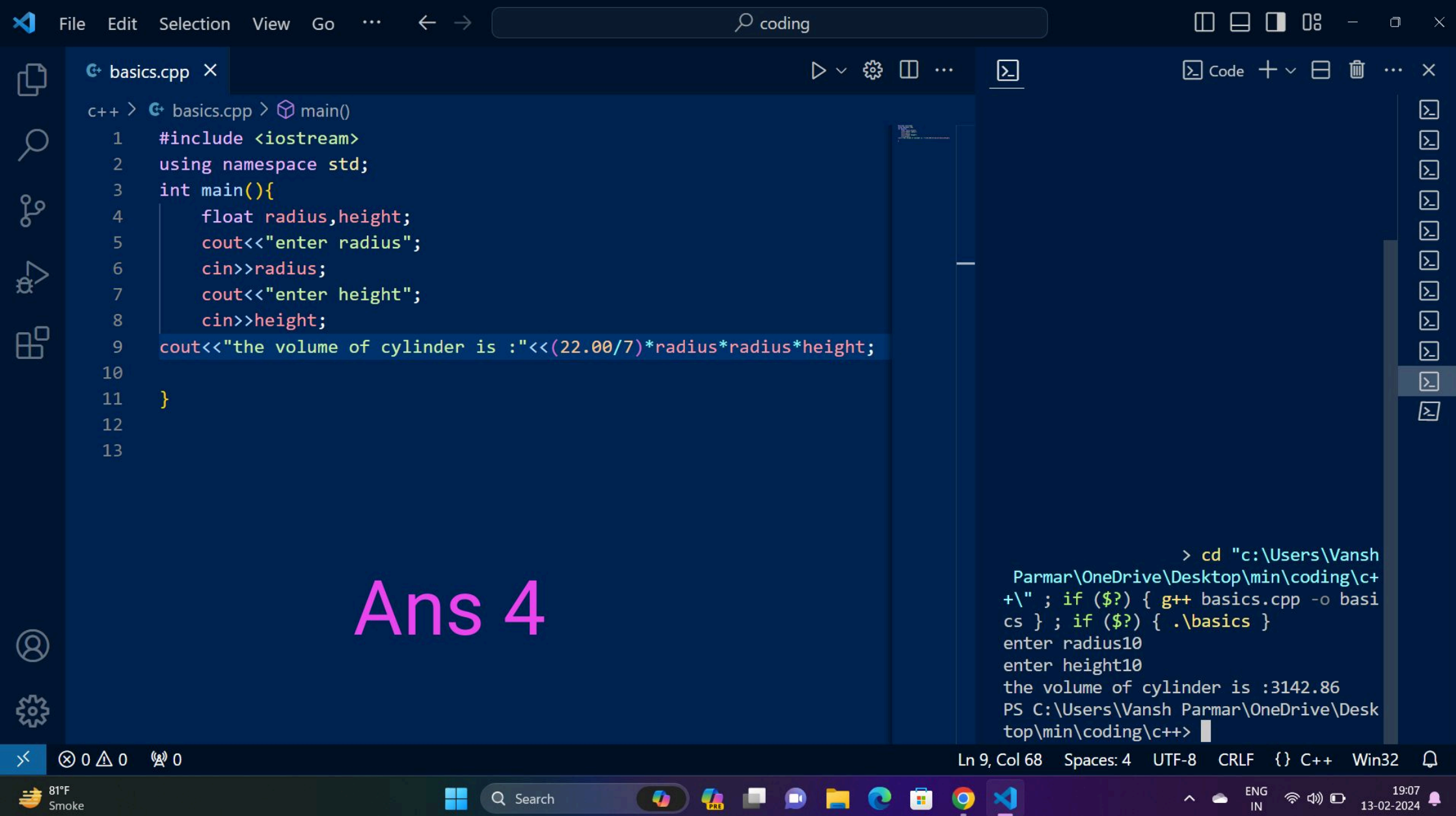


Q4. WAP for finding the volume of the cylinder by taking radius and height as input.



The image shows a screenshot of a Windows operating system with Visual Studio Code open. The main editor window displays a C++ program named `basics.cpp`. The code is as follows:

```
c++ > basics.cpp > main()
1  #include <iostream>
2  using namespace std;
3  int main(){
4      float radius,height;
5      cout<<"enter radius";
6      cin>>radius;
7      cout<<"enter height";
8      cin>>height;
9      cout<<"the volume of cylinder is :"<<(22.00/7)*radius*radius*height;
10
11 }
12
13
```

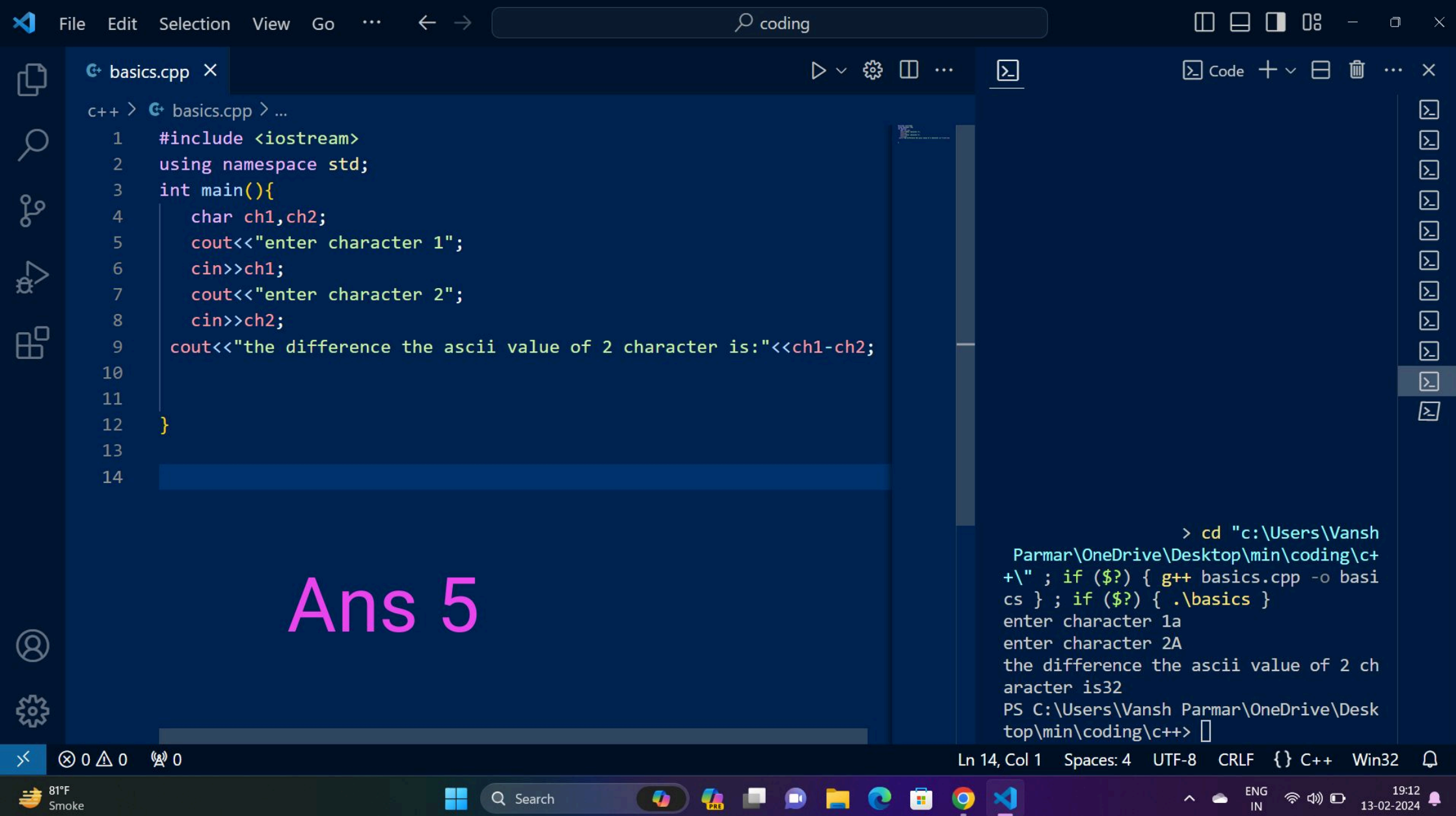
The text "Ans 4" is overlaid in large pink font on the left side of the code editor.

On the right side, a terminal window shows the execution of the program:

```
> cd "c:\Users\Vansh
Parmar\OneDrive\Desktop\min\coding\c++\" ; if ($?) { g++ basics.cpp -o basi
cs } ; if ($?) { .\basics }
enter radius10
enter height10
the volume of cylinder is :3142.86
PS C:\Users\Vansh Parmar\OneDrive\Desk
top\min\coding\c++>
```

The status bar at the bottom of Visual Studio Code indicates the current position is Line 9, Column 68, with 4 spaces, UTF-8 encoding, CRLF line endings, and C++ language. The Windows taskbar at the very bottom shows the date and time as 13-02-2024, 19:07.

Q5. WAP to find the difference between ASCII of two characters ,take them as input .



The image shows a screenshot of a C++ program in Visual Studio Code. The program is named `basics.cpp` and is written in C++. It prompts the user to enter two characters and then calculates the difference between their ASCII values. The terminal output shows the program being compiled and run, with the user entering '1' and 'A', resulting in an ASCII difference of 32.

```
c++ > basics.cpp > ...
1  #include <iostream>
2  using namespace std;
3  int main(){
4      char ch1,ch2;
5      cout<<"enter character 1";
6      cin>>ch1;
7      cout<<"enter character 2";
8      cin>>ch2;
9      cout<<"the difference the ascii value of 2 character is:"<<ch1-ch2;
10
11
12 }
13
14
```

Ans 5

```
> cd "c:\Users\Vansh Parmar\OneDrive\Desktop\min\coding\c++\" ; if ($?) { g++ basics.cpp -o basics } ; if ($?) { .\basics }
enter character 1a
enter character 2A
the difference the ascii value of 2 character is32
PS C:\Users\Vansh Parmar\OneDrive\Desktop\min\coding\c++>
```