Two variable types can hold a single letter, such as Q or d. Name these two variable types:

What variable type holds only two kinds of values – the values true or false.

There are at least 3 lines with mistakes in the following code that would prevent the program from compiling. Identify the mistakes and how to fix them.

```c++
#include<iostream>
using namespace std;

int main() {
    float a, b, d34;
    cout << "Give me a number: ";
    cin >> d34; b=a;
    cout << "Give me another number: ";
    cin >> a;
    cout << "I like " << a << " better than " << d34 << endl;
    return 0;
}
```
What does the following code output? (assume the code before `int main` is correct)

```c++
int main()
{
    float x, y, z;
    x=4.5;
    y=x/1.5;
    z=y+2.2;
    x=z-1.1;
    cout << y << x << z << " " << z << endl;

    return 0;
}
```

Explain why the following variable names are either “illegal” or bad style:

- `top-height`
- `Rz_423`
- `isSlow?`
- `FirstNameOfHighSchoolBestFriend`