

CISC 1600
Quiz 1

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.

```
#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;

    retun 0;
}
```

What does the following code output? (assume the code before `int main` is correct)

```
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
```