#include <iostream>
using namespace std;

int main() {
    int count;
    for (count = 0; count < 500; count++)
        cout << "I will not throw paper airplanes in class."
             << endl;
    return 0;
}
Recall Conditionals

if (user_input == “I’m Blue”) {
    cout << “Da ba dee da ba daa” << endl;
}

• Only executes once
• What if the user makes a mistake? Did we only get one shot?
Loops

• Allow us to repeat over and over again until we have met some condition
  • May be relational condition
  • May be incremental or fixed number of time

• Examples of real life loops:
While Loop

• Like an if statement but do it until the condition is met, don’t just move on if it doesn’t evaluate on the first go
• Use a while loop when you don’t know how many times the code will have to execute
• Real life examples:
While Loop Example
Do While

• While loops only start if the condition is initially true
• Maybe we can’t determine if it needs to run until we execute that code once
• Do while loops run the code once and then check to see if it should keep running
Do While Example
For Loops

• No condition to check
• Executes for a set number of times
• Examples of for loops in the real world:
For Loop Example