

CRT Chapter 5

1. To continue doing an activity until a specific condition is met.
2. While a "while" loop checks the condition before running the action, a "do while" loop executes the action first and then determines whether the condition is true.
3. The Guessing Game Mastery
4. A loop that never ends.
 - b) If the condition is always true or if there is a syntax problem (for example, failing to include a semicolon at the end of a line), the loop may become infinite.
 - c) A float can only retain a certain number of decimal places if the value is more than the limit specified in the code. When the value exceeds this threshold, overflow happens.
5. It will run the loop 60 times.
6. Everything 120 and below
7. While accumulators add up all the numbers to obtain the total, counters count the amount of values.
8. `{total += i;} for (int i = 3; i <= 10; i++)`.
9. Selecting a loop hinges on whether you desire the loop to iterate a set number of times or to persist until a specific condition is satisfied.

