for

- The for statement is used to repeat a block of statements enclosed in curly braces a specified number of times.
- An increment counter is often used to increment and terminate loops.
- There are three parts, separated by semicolons(;), to the for loop header:

```
for (initialization; condition; expression)
{
    doSomething;
}
```

- The initialization of a local variable, or increment counter, happens first and only once.
- Each time through the loop, the following condition is tested. If the condition remains true, the following statements and expression are executed and the condition is tested again.
- When the condition becomes false, the loop ends.

The following example starts the integer i at 0, test to see if i is still less than 20 and if true, increments i by 1 and executes the enclosed statements: