Review Questions

.1: What's the difference between an entry-condition loop and an exit-condition loop? Which kind is each of the C++ loops?

.2: What would the following code fragment print if it were part of a valid program?

```cpp
int i;
for (i = 0; i < 5; i++)
    cout << i;
    cout << "\n";
```

.3: What would the following code fragment print if it were part of a valid program?

```cpp
int j;
for (j = 0; j < 11; j += 3)
    cout << j;
    cout << "\n" << j << "\n";
```

.4: What would the following code fragment print if it were part of a valid program?

```cpp
int j = 5;
while ( ++j < 9)
    cout << j++ << "\n";
```

.5: What would the following code fragment print if it were part of a valid program?

```cpp
int k = 8;
do
    cout <<" k = " << k << "\n";
while (k++ < 5);
```

.6: Write a for loop that prints the values 1 2 4 8 16 32 64 by increasing the value of a counting variable by a factor of 2 each cycle.

.7: How do you make a loop body include more than one statement?