**CHAPTER 3**

**More about C++ Loop statements and Designing Loops**

**SELF-TEST QUESTIONS 3.3 and 3.4**

1. What is a Loop?
2. What is the difference between ++num and num++ or --num and num--? Explain your answer completely.
3. What is another loop mechanism in C++ other than while and do...while?
4. Could you explain the three components inside a **for** statement, say **for(int x=1; x<=5;x++)** ?
5. Could you explain the series of steps that a for a loop statement does, namely, in relation to the three components above and the body of the loop itself?
6. What happen if I put a semicolon at the end of this: **for(int x=1; x<=5;x++); cout << "Hello"**? Explain.
7. What are involve in designing loops?
8. When is the **for loop** generally a choice?
9. What are four ways to in ending a loop?
10. What are common errors involving loops?