**Good programming Practices**

* Although the value of the control variable can be changed in the body of a **for** loop, avoid doing so because this practice can lead to subtle logic errors.
* Although statements preceding a **for** and statements in the body of a **for** can often be merged into the **for** header, avoid doing so because it can make the program more difficult to read.
* Limit the size of control structure headers to a single line if possible.
* Do not use variables of the **float** or **double** to perform monetary calculations. The imprecision of floating-point numbers can cause errors that will result in incorrect monetary values. In the assignments, you can explore the use of integers to perform monetary calculations. Note: C class libraries are becoming available for properly performing monetary calculations.
* Provide a **default** case in **switch** statements. Cases not explicitly tested in a **switch** statement without a **default** case are ignored. Including a **default** case focuses the programmer on the need to process exceptional conditions. There are situations in which no **default** processing is needed.
* Although the **case** clauses and the **default** case clause in a **switch** structure can occur in any order, it is considered a good programming practice to place the **default** clause last.
* In a **switch** structure when the **default** clause is listed last, the **break** statement is not required. Some programmers include this **break** for clarity and symmetry with other cases.
* Some programmers always include braces in a **do/while** structure even if the braces are not necessary. This helps eliminate ambiguity between the **while** structure and the **do/while** structure containing one statement.
* Some programmers feel that **break** and **continue** violate structured programming .because the effects of these statements can be achieved by structured programming techniques we will soon learn, these programmers do not use **break** and **continue**.