**Answer Key**

**Chapter 4 : Decision Making (pg. 109)**

If-Then Statements:

* Use If-Then Statements to make choices in a Visual Basic Program.
* Depending on the choice made, Visual Basic executes different sections of the code.

Keywords:

* The words If, Else, and End If are keywords, also known as reserved words. Visual Basic sets them aside and gives them a special meaning that you cannot override.

Writing an If-Then Statement:

* Simplest form of an if-then statement:

If *condition* Then

one or more statements, to be executed only if condition is True

End If

* True and False are Basic keywords, False has the value of 0, while True is -1
* The End If statement signals the end of the If-Then section of code
* Another variation of the If-Then statement:

If condition Then

statements to be executed if condition is true

Else

statements to be executed if condition is true

End If

Nesting Statements:

* When one If-Then statement is contained in another, the statements are nested.
* Nesting If-Then statements makes the program difficult to understand so instead Visual Basic uses ElseIf statements

**Chapter 4 : Decision Making (pg. 109)**

If-Then Statements:

* Use If-Then Statements to make \_\_\_\_\_\_\_\_\_\_\_\_\_ in a Visual Basic Program.
* Depending on the choice made, Visual Basic executes different \_\_\_\_\_\_\_\_\_\_ of the code.

Keywords:

* The words \_\_\_, \_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_ are keywords, also known as reserved words. Visual Basic sets them aside and gives them a special meaning that you cannot \_\_\_\_\_\_.

Writing an If-Then Statement:

* Simplest form of an if-then statement:

If *condition* Then

one or more statements, to be executed only if \_\_\_\_\_\_\_\_ is \_\_\_\_\_\_

End If

* True and False are Basic keywords, False has the value of \_\_, while True is \_\_\_
* The \_\_\_\_\_\_\_ statement signals the end of the If-Then section of code
* Another variation of the If-Then statement:

If condition Then

statements to be executed if condition is true

\_\_\_\_\_\_

statements to be executed if condition is true

End If

Nesting Statements:

* When one If-Then statement is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ in another, the statements are nested.
* Nesting If-Then statements makes the program difficult to understand so instead Visual Basic uses \_\_\_\_\_\_\_\_\_\_ statements