“Visual Basic .Net” Online Course

Assignment 2 - Computer Programming Basics

Complete the statements below by selecting one of the following terms.
a. Connector  
b. Data flow diagram  
c. Data Input or Output  
d. Diamond shaped  
e. Declaration statements  
f. Encapsulation  
g. Event  
h. Flowcharts  
i. JAD  
j. Pseudocode  
k. Processing

1. Circle shaped symbol called a ________ are used in flowcharts indicating where flowlines are connected.

2. Diagram illustrating inputs, outputs and internal processes as data flows through the application are called ______________.

3. ________ is illustrated by a rectangle shaped symbol in flowcharts to indicate an operation performed by the computer program such as calculation and assignment of values.

4. Parallelogram shaped symbol indicating _____________ are used in flowcharts to illustrate the input data and results (output) to be displayed.

5. The __________ symbol is used in flowcharts to indicate a decision structure.

6. ________ are used to define names of data and procedures.

7. The combining of an object’s attributes and behaviors into one package called a class is called ________________.

8. ______ is an action taken by the user of the application, such as a click, pressing a key, dragging or scrolling and recognized by the computer program.

9. Specific shaped diagrams called _____________ represent different processes used by the software to show flow of the program through the application.

10. English like phrases called ______________ is used to represent the required steps to be taken in program code referred to as an algorithm.
Use flowcharting symbols (oval, diamond, parallelogram, rectangle) and flowlines to document the steps and decisions you make when you get up in the morning. The flowchart must include at least 3 decisions and 2 processes with the flowlines indicating the sequence of events. (Hint – shower, brushing teeth, drying hair, getting dressed, breakfast). Use the PAINT utility provided with Windows under Accessories or a graphic package of your own choosing to create your flowchart.