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3.1)

Requirements, design, implementation, testing

3.2)

An algorithm is a procedure to solve a problem. Pseudocode is one way of expressing an algorithm.

3.3)

The flow of control in a program refers to the order in which the computer processes instructions.

3.4)

Booleans

3.5)

Equality: “==, !=” relational: “<, >, <=, >=”

3.6)

A nested if statement is an if statement inside of another if statement. A nested loop is a loop inside of another loop.

3.7)

By providing a means of structure for the compiler to identify the contents of the conditional /

loop

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3.1)

e. I, II, and III

3.2)

d. no

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3.2)

The else statement is used with the wrong if statement.

If (total == MAX) {

If (total < sum)

System.out.println(“total == MAX and is < sum.”);

} else {

System.out.println(“total is not equal to MAX”);

}

3.3)

In the if statement, a single ‘=’ is used instead of “==”

3.4)

apple

orange

pear

3.5)

lime

grape