First Problem

I need help answering the following questions. I tried to do this in Java but I couldn’t get it to execute.

int numValue = 10;
int answer = 0;
switch(numValue)
{

 case 5: answer += 5;
 case 10: answer += 10;
 case 15: answer += 15;
 break;
 case 20: answer += 20;
 case 25: answer += 25;
 default: answer = 0;
 break;
}
System.out.println("Answer: " + answer);

* What is the value of answer if the value of numValue is 10?
* What is the value of answer if the value of numValue is 20?
* What is the value of answer if the value of numValue is 5?
* What is the value of answer if the value of numValue is 17?
* Is the break statement in the default case needed? Explain?

**Second Problem** – need assistance with the area highlighted in yellow. Design the logic and write the rest of the program using a nested statement. They are using JOptionPane.showInputDialog.

Productivity Score Bonus

<= 30 $25

31-79 $50

80-199 $100

>=200 $200

// EmployeeBonus.java - This program calculates an employee's productivity bonus.

import javax.swing.\*;

public class EmployeeBonus
{
 public static void main(String args[])
 {
 // Declare and initialize variables here.
 String employeeName;
 double numTransactions;
 String transactString;
 double numShifts;
 String shiftString;
 double dollarValue;
 String dollarString;
 double score;
 double bonus;
 final double BONUS\_1 = 25.00;
 final double BONUS\_2 = 50.00;
 final double BONUS\_3 = 100.00;
 final double BONUS\_4 = 200.00;

 // This is the work done in the housekeeping() method
 employeeName = JOptionPane.showInputDialog("Enter employee's name: ");
 shiftString = JOptionPane.showInputDialog("Enter number of shifts: ");
 transactString = JOptionPane.showInputDialog("Enter number of transactions: ");
 dollarString = JOptionPane.showInputDialog("Enter transactions dollar value: ");

numShifts = Double.parseDouble(shiftString);
 numTransactions = Double.parseDouble(transactString);
 dollarValue = Double.parseDouble(dollarString);

 // This is the work done in the detailLoop() method

 // Write your code here (Design the logic and write the rest of the program
 //using a nested if statement.

 // This is the work done in the endOfJob() method
 // Output.
 System.out.println("Employee Name: " + employeeName);
 System.out.println("Employee Bonus: $" + bonus);

 System.exit(0);
 }
}