1. Write a Java program to take the input of amount in Dollars, and then display the denominations in $10, $1, $ 5, 50 cents, quarter, dime, and pennies which make up the total amount.
   For example : amount=157.86
   $ 10 =15
   $ 5 =1
   $ 1 =2
   50 cents =1
   Quarters= 1
   Dime=1
   Penny=1

2. Name the three errors in the following program:

```
1  public MyProgram {
2     public static void main(String[] args) {
3        System.out.println("This is a test of the")
4        System.out.Println("emergency broadcast system.");
5     }
6  }
```

3. Name the four errors in the following program:

```
1  public class FamousSpeech
 2     public static void main(String[]) {
 3        System.out.println("Four score and seven years ago,");
 4        System.out.println("our fathers brought forth on");
 5        System.out.println("this continent a new nation");
 6        System.out.println("conceived in liberty,");
 7        System.out.println("and dedicated to the proposition");
 8        System.out.println("that");    /* this part should
 9        System.out.println("all");       really say,
10        System.out.println("men");       "all PEOPLE!" */
11        System.out.println("are";
12        System.out.println("created");
13        System.out.println("equal");
14     }
15  }
```

4. Which of the following choices is the correct syntax for declaring a real number variable named grade and initializing its value to 4.0?

    a. int grade: 4.0;
    b. grade = double 4.0;
    c. double grade = 4.0;
    d. grade = 4;
    e. 4.0 = grade;

5. What is the value of variable x after the following code executes?

```
int x = 3;
x = x + 2;
x = x + x;
```

    a. 3
    b. 5
    c. 7
    d. 10
    e. 12

6. What are the values of first and second at the end of the following code? How would you describe the net effect of the code statements in this exercise?

```
int first = 8;
int second = 19;
first = first + second;
second = first − second;
first = first − second;
```

7. What is the output from the following code?

```
int max;
int min = 10;
max = 17 − 4 / 10;
max = max + 6;
min = max − min;
System.out.println(max * 2);
System.out.println(max + min);
System.out.println(max);
System.out.println(min);
```

8. Trace the evaluation of the following expressions, and give their resulting values:

    a. 2 + 3 * 4 − 6
    b. 14 / 7 * 2 + 30 / 5 + 1
    c. (12 + 3) / 4 * 2

d. (238 % 10 + 3) % 7