

Question 1 [9+1 Points]

```

1 public class One{
2     public int x = 3, y = 5, temp = -5, sum = 2;
3     public One(){
4         y = temp + 3 ;
5         sum = 3 + temp + 2;
6     }
7     public One(Two b){
8         sum = b.sum - 1;
9         x = b.x + 2;
10        b.methodA(x, 3);
11        System.out.println(x + " " + y + " " + sum);
12    }
13 }
14 public class Two{
15     public int x = 1, y = 1, temp = 2, sum = 0;
16     public Two(){
17         y = temp + 3 ;
18         sum = 3 + temp + 2;
19         temp -= 2;
20     }
21     public void methodA(int m, int n){
22         int x = 2;
23         y = y + m + (++temp);
24         x = x + 5 + n;
25         sum = sum + x + y;
26         System.out.println(x + " " + y + " " + sum);
27     }
28     public void methodB(int m, int n){
29         int y = 0;
30         y = y + this.y;
31         x = this.y + m + temp;
32         methodA(x, y);
33         sum = n + y + sum;
34         System.out.println(x + " " + y + " " + sum);
35     }
36 }

```

Illustrate the output of the following statements written in the main method of a tester class. [Answers without workings on the script will be rejected]:

Driver code:

```

Two obj1 = new Two();
obj1.methodB(1, 2);
One obj2 = new One(obj1);

```

output:

12		
	5	
	5	