

# AP Chapter 2 Worksheet 2 Void Methods

Name \_\_\_\_\_

1 of 1

Pts: 15

class hour \_\_\_\_\_

I. Find and fix *all* mistakes in the program: (5 pts)

```
public class Problem1;
{
    public static void Main(String[ ] args);
    {
        Problem1 object1 = new Problem1( );
        Object1.example(1.5, 'A', 2.5);
    }
    example(a, b);
    {
        System.out.println(a + b + c);           // Do NOT change this line. There is no error in this line!
    }
}
```

II. Write the memory and output, to the right, of the following program fragment:

1) <pre>public static void main(String[ ] args) {     int n;     n = 3;     Problem1 object2 = new Problem1( );     object2.method1(5 , n);     object2.method1(n , n);     object2.method1(n*n , 12);     System.out.println("Bye"); } public void method1(int a, int b) {     int c;     c = 2 * a + b;     System.out.println(a + " " + b + " " + c); }</pre>	<p style="text-align: center;"><b>Memory</b> (5 pts) <b>Output:</b> _____</p> <p><u>main()</u> <u>n</u> <u>method1()</u> <u>a</u> <u>b</u> <u>c</u></p>
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2) <pre>public static void main(String[ ] args) {     int n = 3;     Problem1 object3 = new Problem1( );     System.out.println(n);     object3.ex3(n);     System.out.println(n); } public void ex3(int a) {     int n = 5;     System.out.println(a + " " + n); }</pre>	<p style="text-align: center;"><b>Memory</b> (5 pts) <b>Output:</b> _____</p> <p><u>main()</u> <u>n</u> <u>ex3()</u> <u>a</u> <u>n</u></p>
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