

# Honors Computer Programming 1-2

## Chapter 1 Exam Prep

# 1. Explain the special role of the `\` escape character in Java character strings.

The backslash `\` character followed by another character will allow you to print special characters. For example,

`System.out.print ("\"Hello\"");` will print `"Hello"`

`System.out.print ("\\Hello\\");` will print `\Hello\`

2. Write a `Hello.java` program that has three different syntax errors. Circle the errors.

```
public class Hello
{
    public static void main(String[ ] args)
    {
        int x = 5;
        int y = 7;
        System.out.println("Open House!");
        System.out.println("x = " + x);
        System.out.println("y = " + y);
    }
}
```

miss missing right parenthesis

3. Write a Hello.java program that has a logic error. Explain what the error is.

```
public class Hello
{
    public static void main(String[ ] args)
    {
        // find the area of a square
        int side = 3;
        int area = side * side ;
        System.out.println("area = " + area);
    }
}
```

incorrect formula

4. Before you can test a program, you must have a main method. There are a series of words that the initial line of code contains. What are they?

```
p_ublic   s_tatic   v_oid   m_ain   (S_tring[ ] args)
```

What memory game could you use to remember these words?

Programmers Should Voice Many Solutions.

or

People Should View My Socks.