

## JFo Section 2 Practice

ProblemSet2\_1

```
1. public class ProblemSet2_1 {  
    public static void main(String[]  
        args) {
```

// Use 8 print statements to print a smiley face.

// The art will rely on only a single character, besides space, such as X or #.

```
System.out.println("" ##### ");  
System.out.println("" # # ");  
System.out.println(""# # # #");  
System.out.println(""# #");  
System.out.println(""# ### #");  
System.out.println(""# ### #");  
System.out.println("" # # ");  
System.out.println("" ##### ");  
}  
}
```

CORRECTED CODE:

```
public class ProblemSet2_1 {    public  
static void main(String[] args) {
```

```
// Use 8 print statements to print a smiley face.
// The art will rely on only a single character, besides space, such as X or #.

System.out.println(" ##### ");
System.out.println(" #   # ");
System.out.println("# # # #");
System.out.println("#     #");
System.out.println("# ### #");
System.out.println("# ### #");
System.out.println(" #   # ");
System.out.println(" ##### ");
}
}
```

OUTPUT:

## Output

```
java -cp /tmp/p5reBJIR9M/ProblemSet2_1
#####
#      #
#  #  #  #
#      #
#  ###  #
#  ###  #
#      #
#####

=== Code Execution Successful ===
```

## 2. Problem set2\_2

ASCII art is a graphic design technique that uses printable characters from the ASCII standard to

create images and designs. ASCII (American Standard Code for Information Interchange)

includes 128 characters, such as letters, numbers, punctuation marks, and control characters. By

carefully arranging these characters, artists can create detailed images, patterns,

and representations of objects. public class ProblemSet2\_2 { public static void

main(String[] args) {

// This ASCII art depicts a simple house with a roof, a door, and windows.

System.out.println("&quot; /\&quot;);

System.out.println("&quot; /\&quot;);

```

System.out.println("" / ____ \\ ""); System.out.println(""
| | "");
System.out.println("" | [] | "");
System.out.println("" | ____ | "");
}
}

```

CORRECTED CODE:

```

public class ProblemSet2_2 {    public
static void main(String[] args) {
    // This ASCII art depicts a simple house with a roof, a door, and windows.
    System.out.println("  /\ \  ");
    System.out.println(" /  \ \  ");
    System.out.println(" / ____ \ \ ");
    System.out.println(" |  |  ");
    System.out.println(" | [] | ");
    System.out.println(" | ____ | ");
}
}

```

OUTPUT:

```
java -cp /tmp/lusi2k3hJV/ProblemSet2_2
```

```
  /\n /\ \n/  _  \n|    |\n|  []  |\n|  _  |\n
```

```
=== Code Execution Successful ===|
```