

Programs

1.

```
amrxtgh@arch:~/Hello
4 public class Hello {
3     public static void main(String[] args) {
2         System.out.println("Hello World!");
1     }
}
```

2.

```
amrxtgh@arch:~/Hello
public class Hello {
1   public static void main(String[] args) {
2       System.out.println("Hello World!");
3       System.out.print("This is my first program\n");
4       System.out.print("I am on module ST4003CEM\n");
5   }
6 }
```

3.

```
amrxtgh@arch:~/Hello
10 public class Hello {
9   public static void main(String[] args) {
8       System.out.println("A \"quoted\" String is");
7       System.out.println("'much' better if you learn");
6       System.out.println("the rules of \"escape sequences.\"");
5       System.out.println("Also, \"\" represents an empty");
4       System.out.println("String. Don't forget: use \"");
3       System.out.println("instead of \" !");
2       System.out.println("' is not the same as \"");
1   }
1 }
```

4.

```
amrxtgh@arch:~/Hello
3 public class Hello {
2     public static void main(String[] args) {
1         System.out.println("*");
1         System.out.println("**");
1         System.out.println("***");
2         System.out.println("****");
3         System.out.println("*****");
4     }
5 }
```

5.

```
amrxtgh@arch:~/Hello
9 public class Hello {
8     public static void main(String[] args) {
7         System.out.println("*****");
6         System.out.println("*****");
5         System.out.println("*****");
4         System.out.println("*****");
3         System.out.println("*****");
2         System.out.println("*****");
1     }
0 }
```

6.

```
amrxtgh@arch:~/Hello
public class Hello {
    public static void main(String[] args) {
        System.out.println("*****");
    }
}
```

Output of 6 number

```
[amrxtgh@arch Hello]$ javac Hello.java
[amrxtgh@arch Hello]$ java Hello
A well-formed Java program
has a main method with {
and } braces.
A System.out.println
statement has ( and ) and
usually a String that starts
and ends with a " character.
(But we type \" instead!)
What is the difference between
a ' and a "?
Or between a " and a \"?
One is what we see when we're typing
our program. The other is what appears on the
"console."
```