

WEEK 1
HELLO.java

Hello.java > HELLO
1 public class HELLO {
Run | Debug
2 public static void main(String[] args) {
3 System.out.print(s:"Hello World!");
4 }
5 }
6 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\hp\Desktop\WEEK 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\hp\AppData\Roaming\Code\User\workspaceStorage\5642d73dc7c70f687d0c9e7a2fed7a70\redhat.java\jdt_ws\WEEK 1_d59c1e40\bin' 'HELLO'
Hello World!
PS C:\Users\hp\Desktop\WEEK 1>

WEEK 1

HELLO.java

Q2.java

Q2.java > Q2

1 public class Q2 {
2 Run | Debug
3 public static void main(String[] args) {
4 System.out.print(s:"Hello World!\n");
5 System.out.print(s:"This is my first program\n");
6 System.out.print(s:"I am on module ST4003CEM\n");
7 }
8 }

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Run: Q2 + v [] ... [] x

PS C:\Users\hpl\Desktop\WEEK 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\hpl\AppData\Roaming\Code\User\workspaceStorage\5642d73dc7c70f687d0c9e7a2fed7a70\redhat.java\jdt_ws\WEEK_1_d59c1e40\bin' 'Q2'
Hello World!
This is my first program
I am on module ST4003CEM
PS C:\Users\hpl\Desktop\WEEK 1>

WEEK 1
HELLO.java
Q2.java
Q3.java

Q3.java > ...

1 public class Q3 {
2 Run | Debug
3 public static void main(String[] args) {
4 System.out.print(s:"A \"quoted\" String is\n");
5 System.out.print(s:\"\`much\` better if you learn\n");
6 System.out.print(s:"the rules of \"escape sequences.\\n");
7 System.out.print(s:"Also, \"\" represents an empty\n");
8 System.out.print(s:"String. Don't forget: use \\\" \n");
9 System.out.print(s:"instead of \" !\n");
10 System.out.print(s:"\" is not the same as \"");
11 }
12 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\hp\Desktop\WEEK 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\hp\AppData\Roaming\Code\User\workspaceStorage\5642d73dc7c70f687d0c9e7a2fed7a70\redhat.java\jdt_ws\WEEK_1_d59c1e40\bin' 'Q3'
A "quoted" String is
'much' better if you learn
the rules of "escape sequences."
Also, "" represents an empty
String. Don't forget: use \"
instead of " !
" is not the same as "
PS C:\Users\hp\Desktop\WEEK 1>

EXPLORER

WEEK 1
HELLO.java
Q2.java
Q3.java
Q4.java

Welcome

Q4

Q4.java

Q4.java > Run | Debug

1 public class Q4 {
2 public static void main(String[] args) {
3 for (int i = 1; i <= 5; i++) {
4 for (int j = 1; j <= i; j++) {
5 System.out.print(s:"*");
6 }
7 System.out.print(s:"\n");
8 }
9 }
10 }
11 }

PROBLEMS

OUTPUT

DEBUG CONSOLE

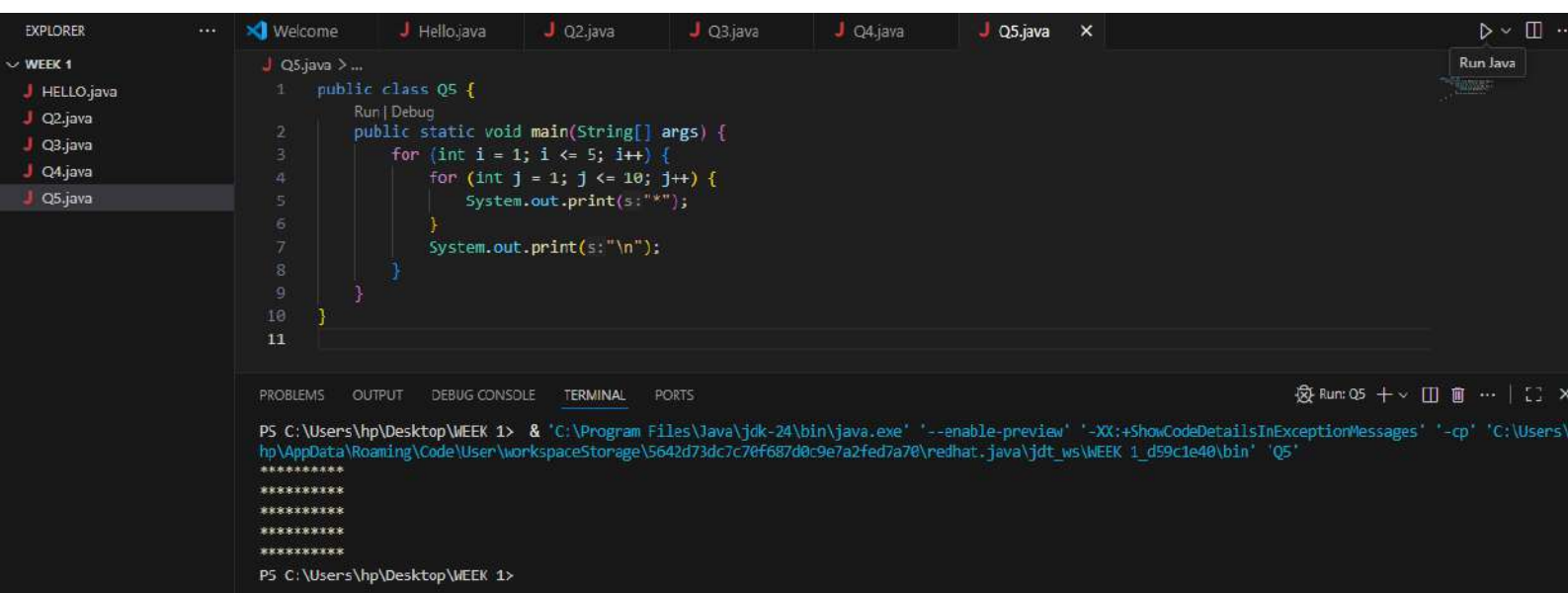
TERMINAL

PORTS

Run: Q4

PS C:\Users\hp\Desktop\WEEK 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\hp\AppData\Roaming\Code\User\workspaceStorage\5642d73dc7c70f687d0c9e7a2fed7a70\redhat.java\jdt_ws\WEEK 1_d59c1e40\bin' 'Q4'
*
**

PS C:\Users\hp\Desktop\WEEK 1>



EXPLORER

WEEK 1

HELLO.java

Q2.java

Q3.java

Q4.java

Q5.java

Q6.java

Welcome

Hello.java

Q2.java

Q3.java

Q4.java

Q5.java

Q6.java

Q6.java > ...

Run | Debug

```
1 public class Q6 {
2     public static void main(String[] args) {
3         System.out.print(s:"A well-formed Java program has a main method with { and } braces.\n\n");
4         System.out.print(s:"A System.out.println statement has ( and ) and usually a String that starts and ends\n");
5         System.out.print(s:"with a \" character.\n");
6         System.out.print(s:"(But we type \" instead!)\n\n");
7         System.out.print(s:"What is the difference between\n");
8         System.out.print(s:"a ' and a \"? Or between a \" and a \"\"?\n\n");
9         System.out.print(s:"One is what we see when we're typing our program. ");
10        System.out.print(s:"The other is what appears on the \"console.\"");
11    }
12 }
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

Run: Q6

PS C:\Users\hp\Desktop\WEEK 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\hp\AppData\Roaming\Code\User\workspaceStorage\5642d73dc7c70f687d8c9e7a2fed7a70\redhat.java\jdt_ws\WEEK 1_d59c1e40\bin' 'Q6'

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."
PS C:\Users\hp\Desktop\WEEK 1>