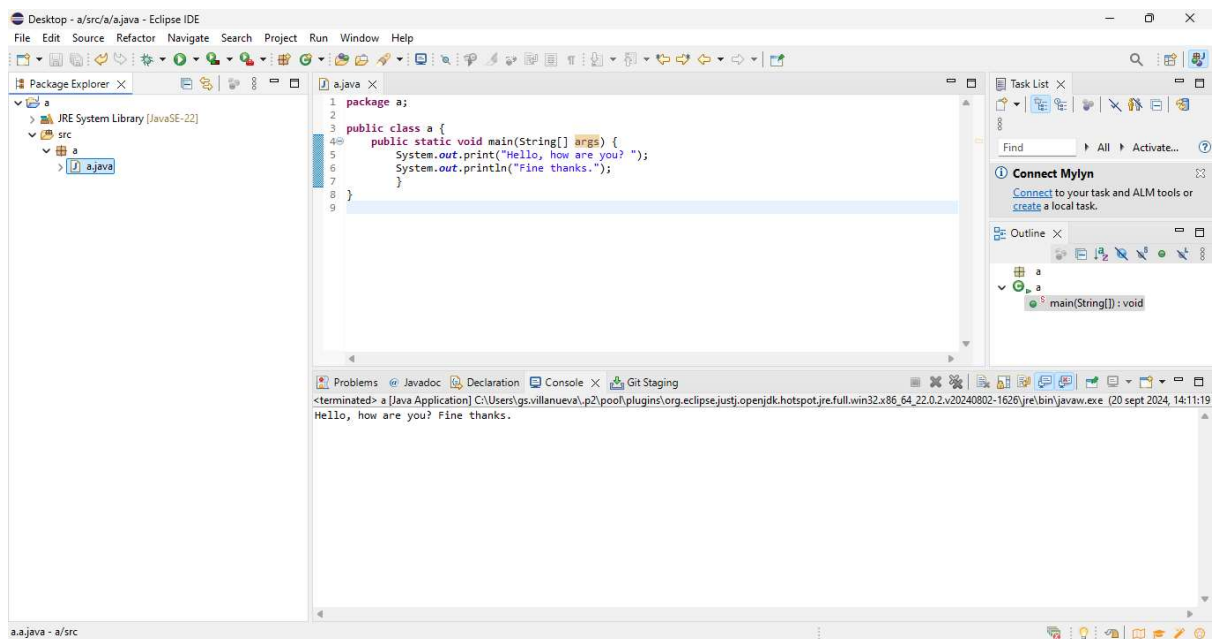


EXERCISES

1. Create a new Project named "Exercise1". Create a package named "exercise1" and a Class named "Exercise1". Modify the code inside the main block:

```
public class Exercise1 {  
    public static void main(String[] args) {  
        System.out.print("Hello, how are you? ");  
        System.out.println("Fine thanks.");  
    }  
}
```

What is the output after executing this code?

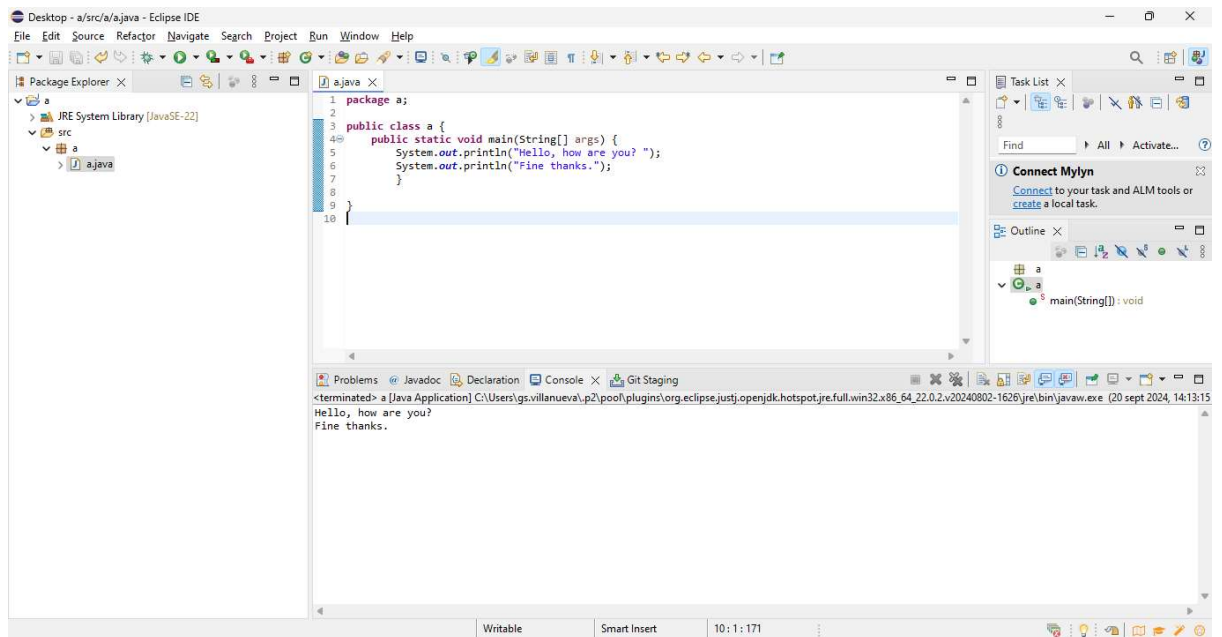


When you execute the lines It says (hello , how are you and fine thanks with a space between the lines)

2. Create a new Project named "Exercise2". Create a package named "exercise2" and a Class named "Exercise2". Modify the code inside the main block:

```
public class Exercise2 {  
    public static void main(String[] args) {  
        System.out.println("Hello, how are you? ");  
        System.out.println("Fine thanks.");  
    }  
}
```

What is the output after executing this code?



It appears the same of the exercise 1 but without the space between the lines

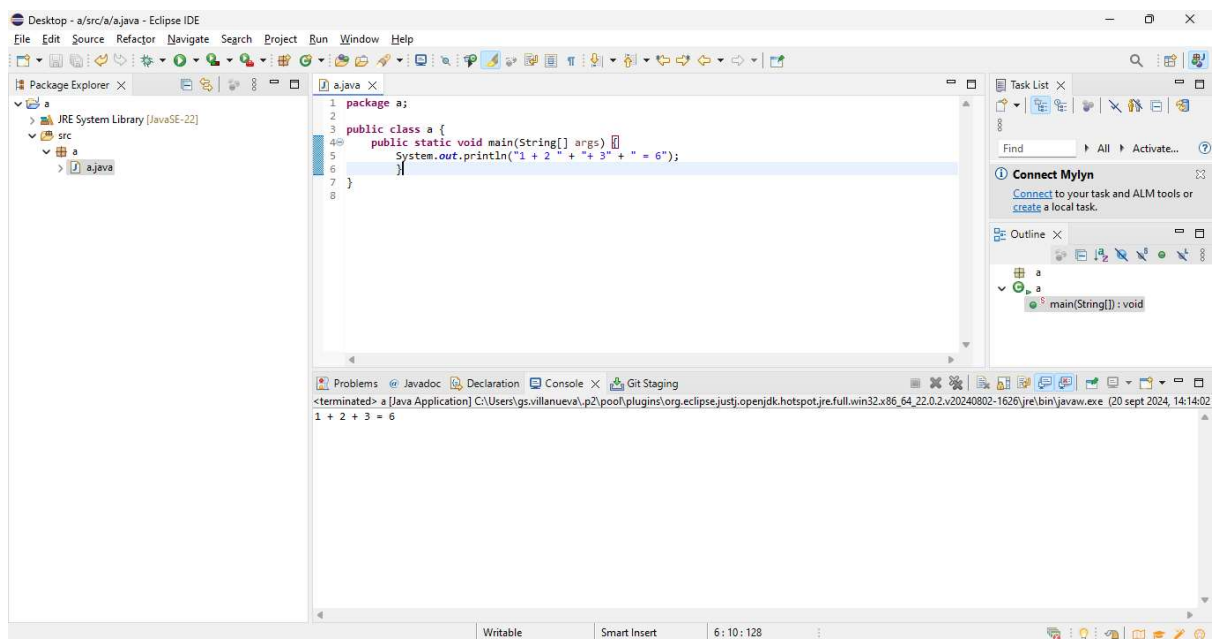
3. Create a new Project named "Exercise3". Create a package named "exercise3" and a Class named "Exercise3". Modify the code inside the main block:

```

public class Exercise3 {
    public static void main(String[] args) {
        System.out.println("1 + 2 " + "+ 3" + " = 6");
    }
}

```

What is the output after executing this code?

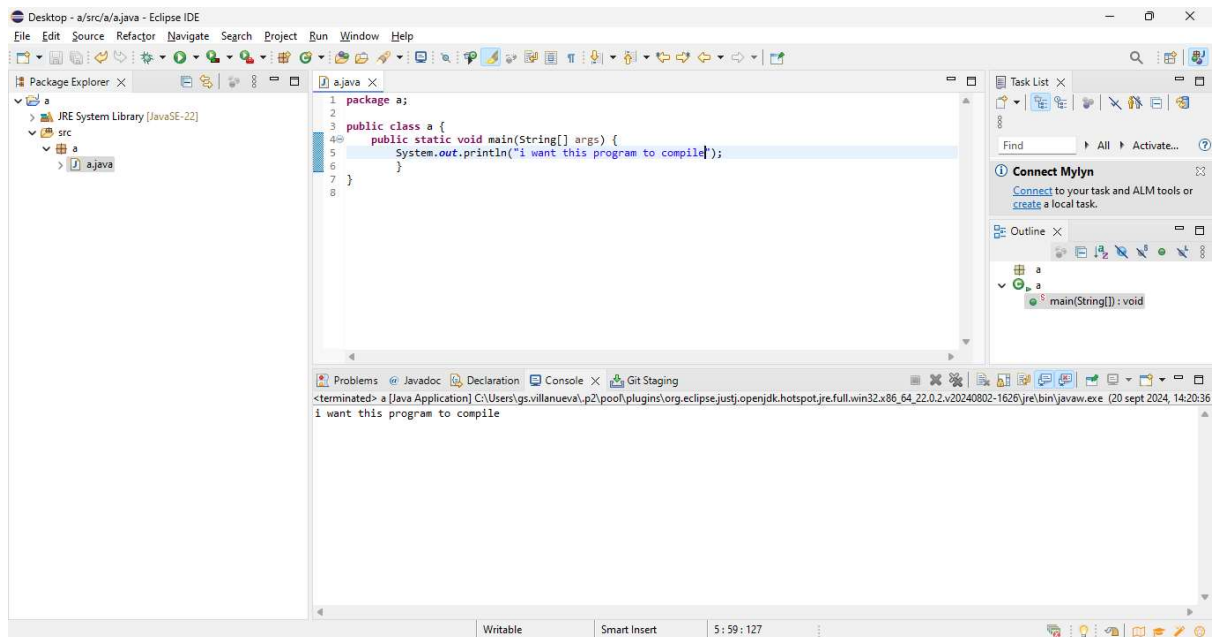


Appears a math exercise

4. Create a new Project named "Exercise4". Create a package named "exercise4" and a Class named "Exercise4". Modify the code inside the main block:

```
public class Exercise4 {  
    public static void main(String[] args) {  
        system.out.println(I want this program to compile)  
    }  
}
```

There are some errors on the code. Try to correct them.



5. Create a new Project named "Exercise5". Create a package named "exercise5" and a Class named "Exercise5". Write a program that displays your name, address and telephone number, each on separate lines.

6.

The screenshot shows the Eclipse IDE with a Java project named 'a' containing a package 'a' and a class 'a'. The code in 'a.java' is as follows:

```

1 package a;
2
3 public class a {
4     public static void main(String[] args) {
5         System.out.println("guillermo");
6         System.out.println("pirineos 13");
7         System.out.println("627189784");
8     }
9 }
10

```

The console output shows the program execution results:

```

<terminated> a [Java Application] C:\Users\gs.villanueva\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_22.0.2.v20240802-1626\jre\bin\javaw.exe (20 sept 2024, 14:23:17)
guillermo
pirineos 13
627189784

```

7. Adapt the above program to include a blank line between your address and telephone number.

8.

The screenshot shows the Eclipse IDE with the same Java project 'a' and package 'a'. The code in 'a.java' has been adapted to include a blank line between the address and telephone number:

```

1 package a;
2
3 public class a {
4     public static void main(String[] args) {
5         System.out.println("guillermo");
6         System.out.println("*****");
7         System.out.println("62718784");
8     }
9 }
10

```

The console output shows the program execution results:

```

<terminated> a [Java Application] C:\Users\gs.villanueva\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_22.0.2.v20240802-1626\jre\bin\javaw.exe (20 sept 2024, 14:33:31)
guillermo
*****
62718784

```

9. (Advanced) Create a new Project named "Exercise7". Create a package named "exercise7" and a Class named "Exercise7". Write a program that displays your initials in big letters made of asterisks. For example:

```

      *           *           *
    * *         * *         *
  * * * * *   * * * * *   *
*           *           *           *
*           *           *           *

```

Do this by using a series of println commands, each printing one row of asterisks.

The screenshot shows the Eclipse IDE interface. The Package Explorer on the left shows a project named 'a' with a source folder 'src' containing a file 'ajava'. The Editor window displays the following Java code:

```

1 package a;
2
3 public class a {
4     public static void main(String[] args) {
5         System.out.println("*****");
6         System.out.println(" * *");
7         System.out.println(" * *");
8         System.out.println(" * *");
9         System.out.println(" * *");
10        System.out.println(" *");
11        System.out.println(" *");
12        System.out.println(" *");
13        System.out.println(" *");
14    }
15 }
16

```

The Console window at the bottom shows the output of the program:

```

<terminated> a [Java Application] C:\Users\gs.villanueva\p2\poo\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_22.0.2.v20240802-1626\jre\bin\javaw.exe (20 sept 2024, 14:23:17)
guillermo
pirineos 13
627189704

```