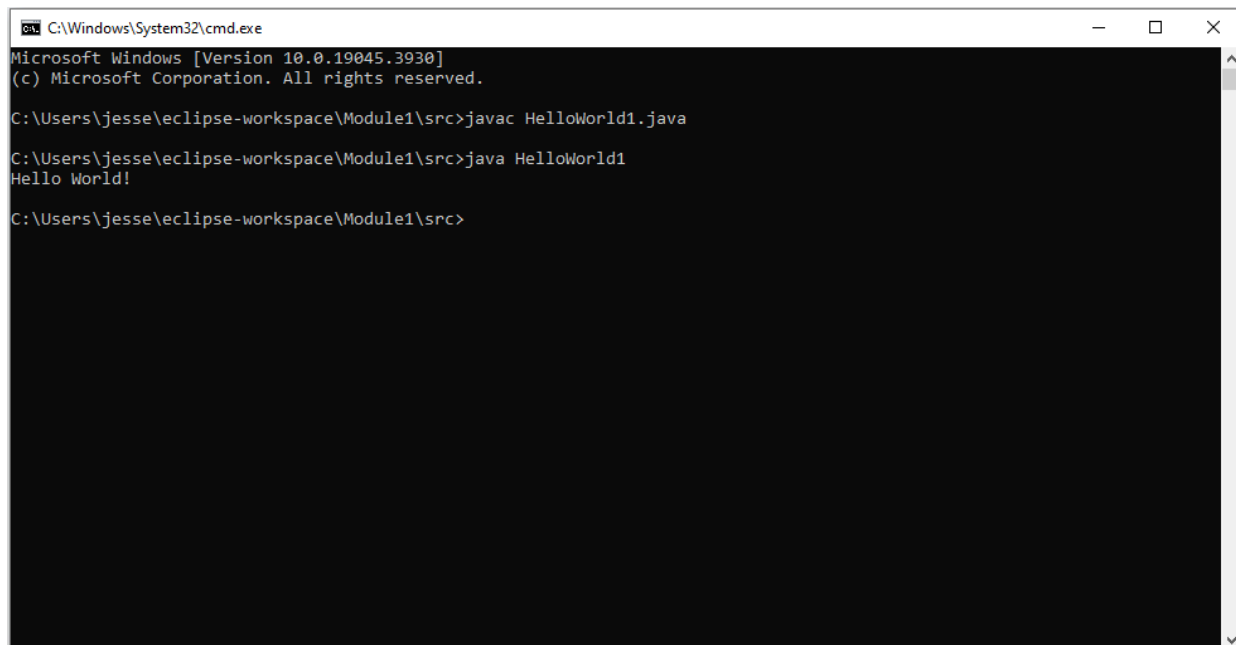


1. In the past week I have been all over the place, learning quite a bit of new information and how everything works and I'm happy to say things have been going well! To start, I learned how classes and objects work in Java, I took some time to watch several videos on YouTube to gain a better understanding. I also intend to spend about an hour or so watching Bro Code's full course on Java on YouTube in my free time to simultaneously learn Java syntax while taking this course. Creating BookTest and learning how to test classes before implementing the class blueprint was interesting, almost doing thing backwards from what I am usually accustomed to. Using JUnit to test my code was a problem at first honestly, but once I got the hang of it and understood what it was trying to tell me, I was glad to see my tests finally pass. In conclusion, I am slowly understanding things and probably getting a wave of false confidence, but I'm excited to learn more and hopefully learn quick and struggle less.
2. Screenshots:
  - a. Part 1:



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.3930]
(c) Microsoft Corporation. All rights reserved.

C:\Users\jesse\eclipse-workspace\Module1\src>javac HelloWorld1.java

C:\Users\jesse\eclipse-workspace\Module1\src>java HelloWorld1
Hello World!

C:\Users\jesse\eclipse-workspace\Module1\src>
```

b. Part 2:

  new code


 edit  fork  download  copy

```
1.  /* package whatever; // don't place package name! */
2.
3.  import java.util.*;
4.  import java.lang.*;
5.  import java.io.*;
6.
7.  /* Name of the class has to be "Main" only if the class is public. */
8.  class Ideone
9.  {
10.     public static void main (String[] args) throws java.lang.Exception
11.     {
12.         System.out.println("Hello World");
13.     }
14. }
```

Success #stdin #stdout 0.09s 52640KB  comments (?)

 stdin  copy  
Standard input is empty

 stdout  copy  
Hello World

Java Online Compiler 

C

C++

C++14

C#

**Java**

Perl

PHP

Python 3

Scala

Swift

Rust

GoLang

R

Node JS

HTML & JS

```
1  /*package whatever //do not write package name here */
2
3  import java.io.*;
4
5  class GFG {
6-   public static void main (String[] args) {
7       System.out.println("Hello World!");
8   }
9 }
```

Input Goes Here.

Copy

Run

Run+URL (Generates URL as well)

Time(sec): 0.056

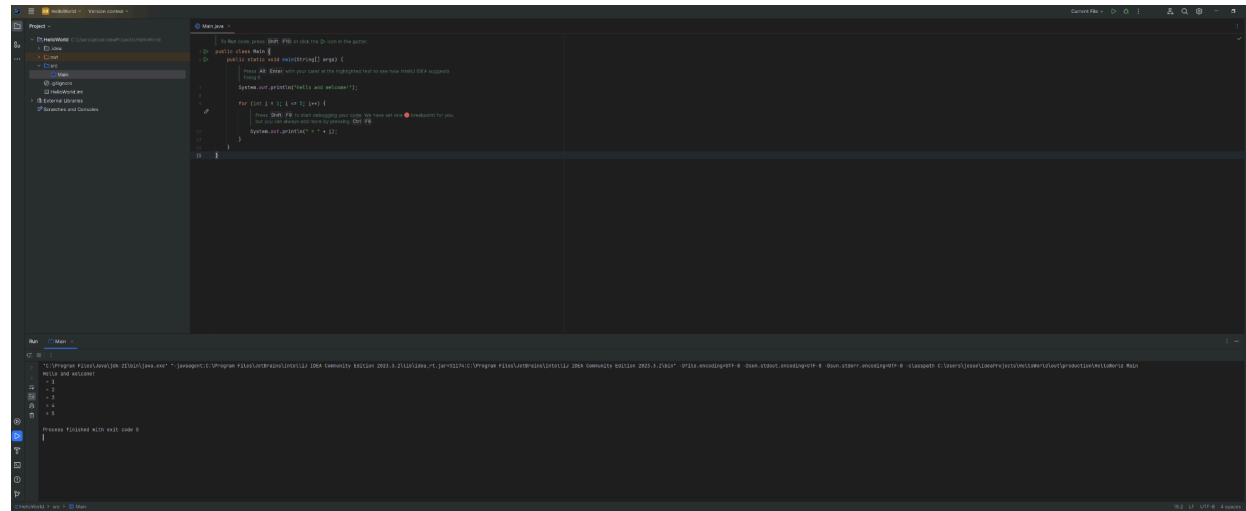
Memory(MB): 30.34765625

Output:

Copy

Hello World!

c. Part 3:

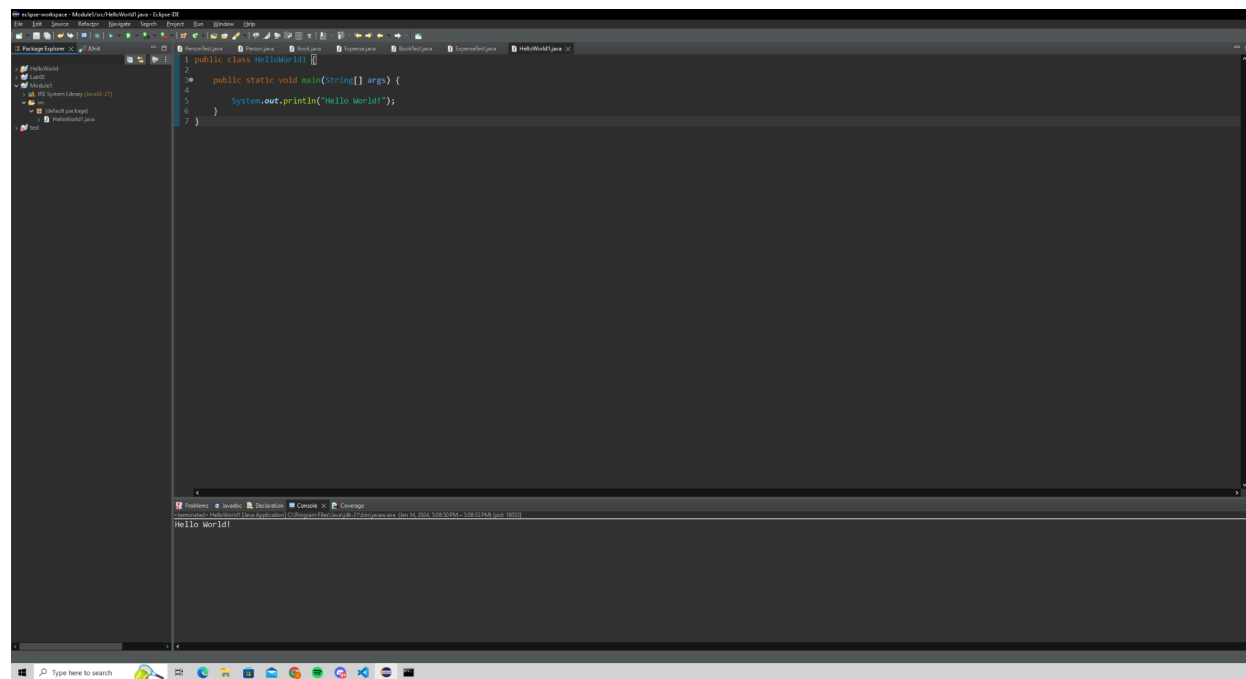


The screenshot shows an IDE with a project named 'HelloWorld'. The 'Main.java' file is open, containing the following code:

```
1 // To run this program, press: java -cp . HelloWorld
2
3 public class Main {
4     public static void main(String[] args) {
5         // Sum of 1 to 100
6         int sum = 0;
7         for (int i = 1; i <= 100; i++) {
8             sum += i;
9         }
10        System.out.println("Sum of 1 to 100 is: " + sum);
11    }
12 }
```

The console output shows the result of the program execution:

```
Process finished with exit code 0
Sum of 1 to 100 is: 5050
```



The screenshot shows an IDE with a project named 'HelloWorld'. The 'Main.java' file is open, containing the following code:

```
1 public class HelloWorld {
2
3     public static void main(String[] args) {
4
5         System.out.println("Hello World!");
6     }
7 }
```

The console output shows the result of the program execution:

```
Process finished with exit code 0
Hello World!
```

d. Part 4:

- Bro Code Full Java Course:  
[https://www.youtube.com/watch?v=xk4\\_1vDrzzo&t=1087s](https://www.youtube.com/watch?v=xk4_1vDrzzo&t=1087s)
- CodeCamp Java Programming for Beginners:  
<https://www.youtube.com/watch?v=A74TOX803D0&t=11s>
- W3schools Java Tutorial:  
<https://www.w3schools.com/java/>
- Alex Lee Java Full Youtube Course:  
<https://www.youtube.com/watch?v=az6SehZyY7U&list=PL59LTecnGM1NRUyune3SxzZIYPZeZK-oQ>

3. Create your own class object and test class, provide screenshots of both Eclipse and IntelliJ, and submit your code as a Github link.
4. 100
5. Academic Integrity Statement:

I understand that my learning is dependent on individual effort and struggle, and I acknowledge that this assignment is a 100% original work and that I received no other assistance other than what is listed here.

Acknowledgements and assistance received: N/A

I did not use generative AI in any form to create this content and the final content was not adapted from generative AI created content.

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***By putting your name and date here you acknowledge that all of the above is true and you acknowledge that lying on this form is a violation of academic integrity and will result in no credit on this assignment and possible further repercussions as determined by the Khoury Academic Integrity Committee.***

Name: Jesse Wojtanowicz	Date: 1/14/24
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