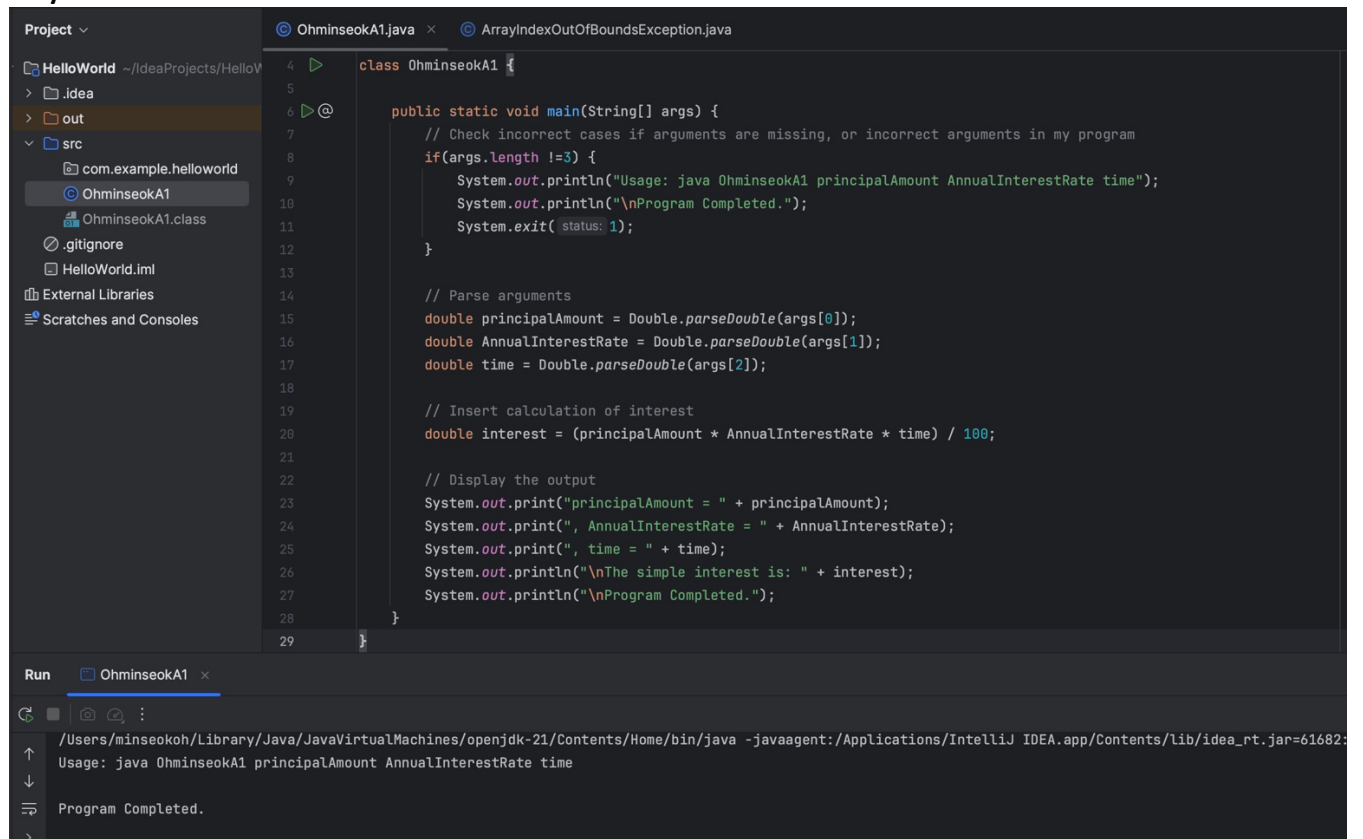


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My Code:



The screenshot displays an IDE with two panels. The top panel shows the source code for `OhminseokA1.java`. The code defines a class `OhminseokA1` with a `main` method. The `main` method checks for the correct number of arguments (3), parses them as `principalAmount`, `AnnualInterestRate`, and `time`, calculates the simple interest, and prints the results. The bottom panel shows the execution output, which matches the program's output.

```
class OhminseokA1 {  
    public static void main(String[] args) {  
        // Check incorrect cases if arguments are missing, or incorrect arguments in my program  
        if(args.length !=3) {  
            System.out.println("Usage: java OhminseokA1 principalAmount AnnualInterestRate time");  
            System.out.println("\nProgram Completed.");  
            System.exit( status: 1);  
        }  
  
        // Parse arguments  
        double principalAmount = Double.parseDouble(args[0]);  
        double AnnualInterestRate = Double.parseDouble(args[1]);  
        double time = Double.parseDouble(args[2]);  
  
        // Insert calculation of interest  
        double interest = (principalAmount * AnnualInterestRate * time) / 100;  
  
        // Display the output  
        System.out.print("principalAmount = " + principalAmount);  
        System.out.print(", AnnualInterestRate = " + AnnualInterestRate);  
        System.out.print(", time = " + time);  
        System.out.println("\nThe simple interest is: " + interest);  
        System.out.println("\nProgram Completed.");  
    }  
}
```

Run OhminseokA1 x

```
/Users/minseokoh/Library/Java/JavaVirtualMachines/openjdk-21/Contents/Home/bin/java -javaagent:/Applications/IntelliJ IDEA.app/Contents/lib/idea_rt.jar=61682:  
Usage: java OhminseokA1 principalAmount AnnualInterestRate time  
Program Completed.
```

Sources (Ref) : Java A Beginner's Guide

File name: OhminseokA1.java

## My output of Code:

```
src — zsh — 138x46
Last login: Wed Sep 27 21:44:13 on ttys000
(base) minseokoh@Minseoks-MacBook-Pro ~ % pwd
/Users/minseokoh
(base) minseokoh@Minseoks-MacBook-Pro ~ % cd /Users/minseokoh/IdeaProjects/HelloWorld/src
(base) minseokoh@Minseoks-MacBook-Pro src % pwd
/Users/minseokoh/IdeaProjects/HelloWorld/src
(base) minseokoh@Minseoks-MacBook-Pro src % ls
OhminseokA1.class  OhminseokA1.java  com
(base) minseokoh@Minseoks-MacBook-Pro src % java OhminseokA1 1000 10 1
principalAmount = 1000.0, AnnualInterestRate = 10.0, time = 1.0
The simple interest is: 100.0
Program Completed.
PS C:\Users\karti\Desktop\TA-assignment1\src> java L
Usage: java LastnameFirstnameA1 principalAmount annu
Program Completed.
PS C:\Users\karti\Desktop\TA-assignment1\src> java L
Given principalAmount = 3000.0, annualInterestRate =
Program Completed.
PS C:\Users\karti\Desktop\TA-assignment1\src> java L
Interest is: 1200.0
Usage: java OhminseokA1 principalAmount AnnualInterestRate time
Program Completed.
(base) minseokoh@Minseoks-MacBook-Pro src % java OhminseokA1 3000 20 2
principalAmount = 3000.0, AnnualInterestRate = 20.0, time = 2.0
The simple interest is: 1200.0
Program Completed.
(base) minseokoh@Minseoks-MacBook-Pro src % java OhminseokA1 2500 15 2
Usage: java OhminseokA1 principalAmount AnnualInterestRate time
Program Completed.
(base) minseokoh@Minseoks-MacBook-Pro src % java OhminseokA1 4500 10 3
principalAmount = 4500.0, AnnualInterestRate = 10.0, time = 3.0
The simple interest is: 1350.0
Program Completed.
(base) minseokoh@Minseoks-MacBook-Pro src % java OhminseokA1 10000 25 5
principalAmount = 10000.0, AnnualInterestRate = 25.0, time = 5.0
The simple interest is: 12500.0
Program Completed.
(base) minseokoh@Minseoks-MacBook-Pro src %
```