

## TASK1:

### 1. Java Installation Verification

The following screenshot confirms that Java and Javac are properly installed and configured on the system.

```
C:\Users\Rathod>java -version
java version "21.0.1" 2023-10-17 LTS
Java(TM) SE Runtime Environment (build 21.0.1+12-LTS-29)
Java HotSpot(TM) 64-Bit Server VM (build 21.0.1+12-LTS-29, mixed mode, sharing)

C:\Users\Rathod>javac -version
javac 21.0.1
```

The following screenshot confirms that Java (JDK 21) and the Java compiler (javac) are successfully installed and configured.

### 2. Java Program Compilation and Execution

```
C:\Users\Rathod>cd eclipse-workspace
C:\Users\Rathod\eclipse-workspace>cd Java-Internship-Task-1
C:\Users\Rathod\eclipse-workspace\Java-Internship-Task-1>cd src
C:\Users\Rathod\eclipse-workspace\Java-Internship-Task-1\src>javac HelloJava.java
C:\Users\Rathod\eclipse-workspace\Java-Internship-Task-1\src>HelloJava.class
C:\Users\Rathod\eclipse-workspace\Java-Internship-Task-1\src>java HelloJava Akshu Java Intern
Hello, Java Developer Internship!
Command-line arguments received:
Argument 1: Akshu
Argument 2: Java
Argument 3: Intern
```

### 3. Source code HelloJava.java

```
public class HelloJava {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        // Printing a welcome message

        System.out.println("Hello, Java Developer Internship!");

        // Checking and printing command-line arguments
```

```
if (args.length > 0) {  
    System.out.println("Command-line arguments received:");  
    for (int i = 0; i < args.length; i++) {  
        System.out.println("Argument " + (i + 1) + ": " + args[i]);  
    }  
} else {  
    System.out.println("No command-line arguments were provided.");  
}  
}
```