

---

# System Requirements Specification Index

For

## Arithmetic Operators

Version 1.0

IIHT Pvt. Ltd.  
fullstack@iiht.com

## TABLE OF CONTENTS

1	Project Abstract	3
2	Common Constraints	3
3	Template Code Structure	3
3.1	Package: com.yaksha.assignment.ArithmeticOperatorsAssignment	3
4	Execution Steps to Follow	4

# USE CASE DESCRIPTION

## System Requirements Specification

---

### 1 PROJECT ABSTRACT

---

Create a Java program that demonstrates the use of arithmetic operators: +, -, \*, /, and %. You will use two variables of different types (int and double), perform basic arithmetic operations on them, and print the results.

### 2 ASSESSMENT TASKS

---

1. Declare two variables: One int variable and one double variable.
2. Perform arithmetic operations on these variables using the arithmetic operators.
3. Print the results of each operation.

### 3 TEMPLATE CODE STRUCTURE

---

#### 3.1 PACKAGE: COM.YAKSHA.ASSIGNMENT.ARITHMETICOPERATORSASSIGNMENT

##### Resources

Class/Interface	Description	Status
ArithmeticOperatorsAssignment (class)	<ul style="list-style-type: none"><li>• Main class containing the logic to perform arithmetic operations (+, -, *, /, %) on variables.</li></ul>	Need to be implemented.

## 4 EXECUTION STEPS TO FOLLOW

---

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu (Three horizontal lines at left top) → Terminal → New Terminal.
3. This editor Auto Saves the code.
4. If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use CTRL+Shift+B-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in the next login.
5. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.
6. To run your project use command:  
**mvn compile exec:java**  
**-Dexec.mainClass="com.yaksha.assignment.ArithmeticOperatorsAssignment"**
7. To test your project test cases, use the command  
**mvn test**
8. You need to use CTRL+Shift+B - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.