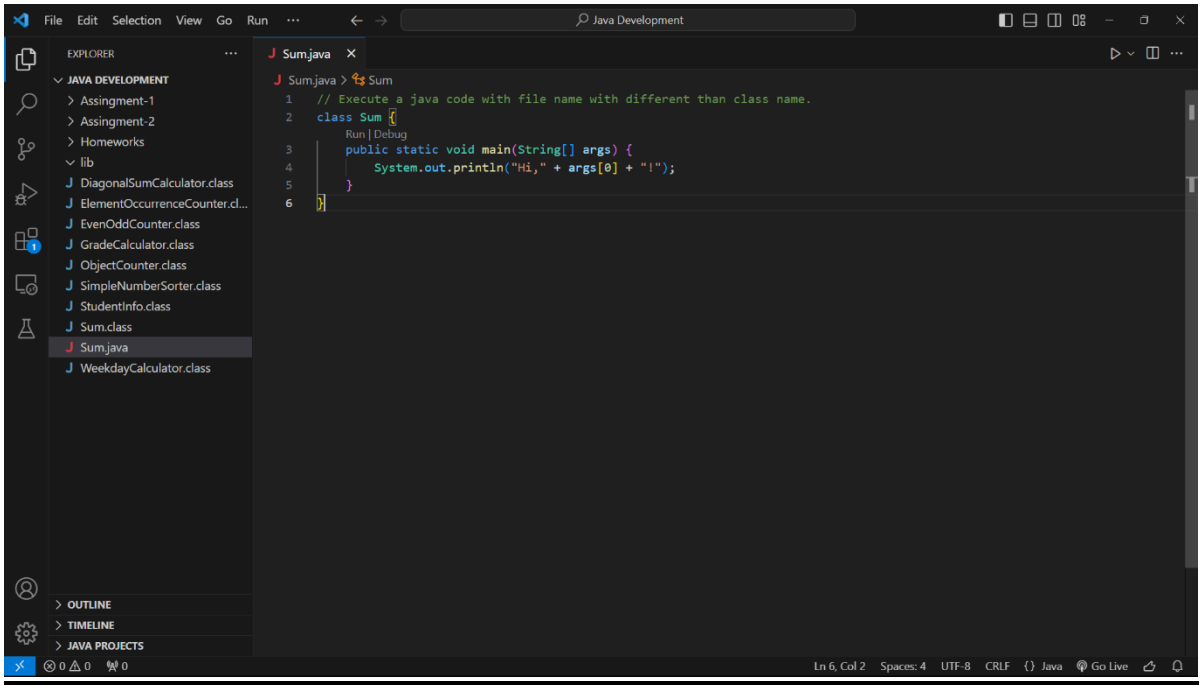
SUBMITTED BY:- **KANISHK**

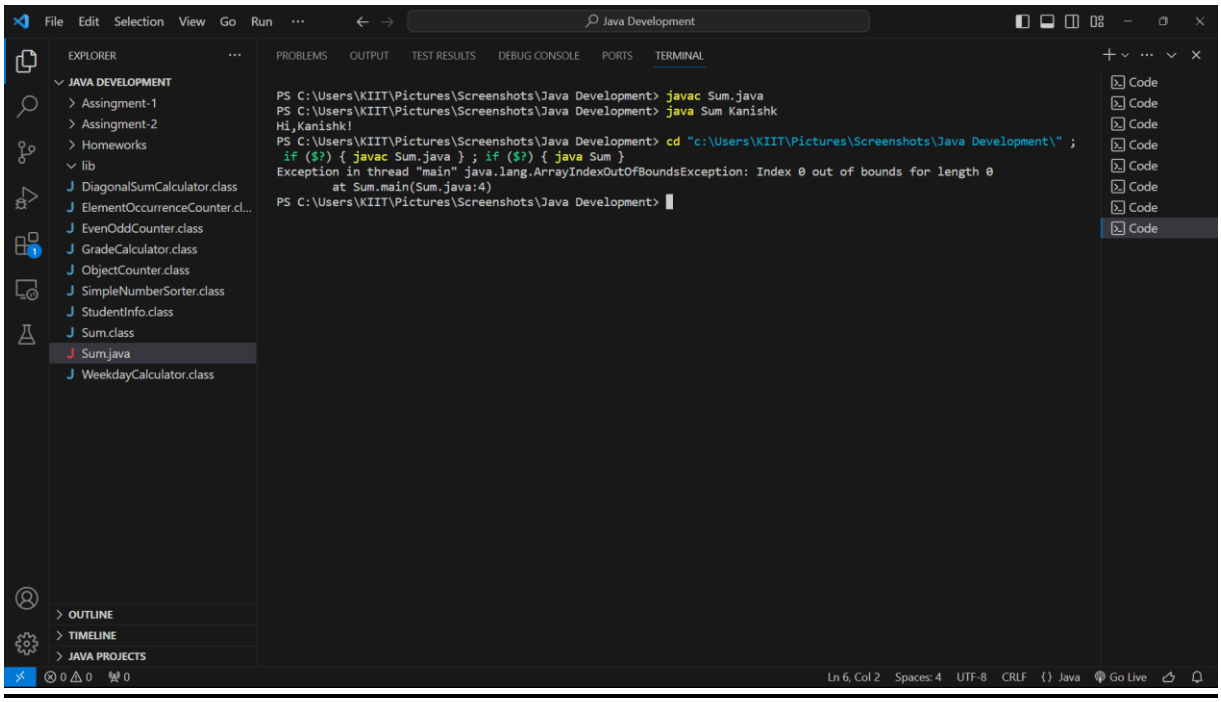
2205130

CSE-37

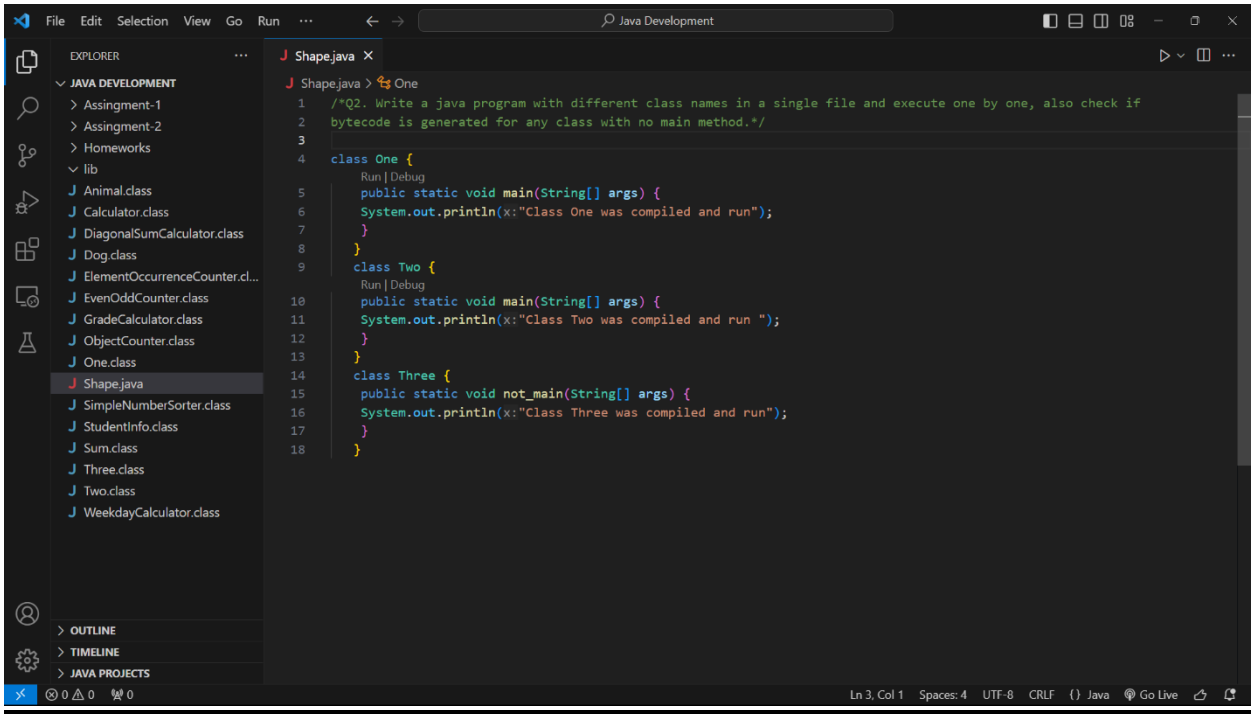
Q1 INPUT: -



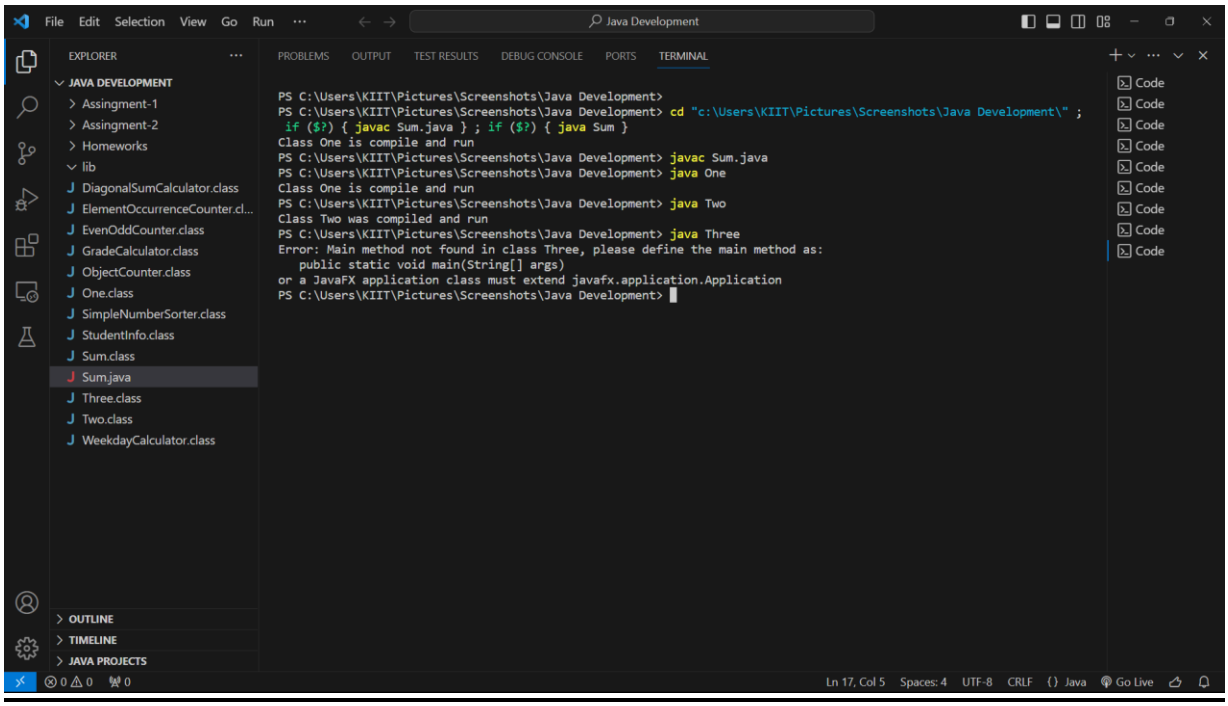
OUTPUT: -



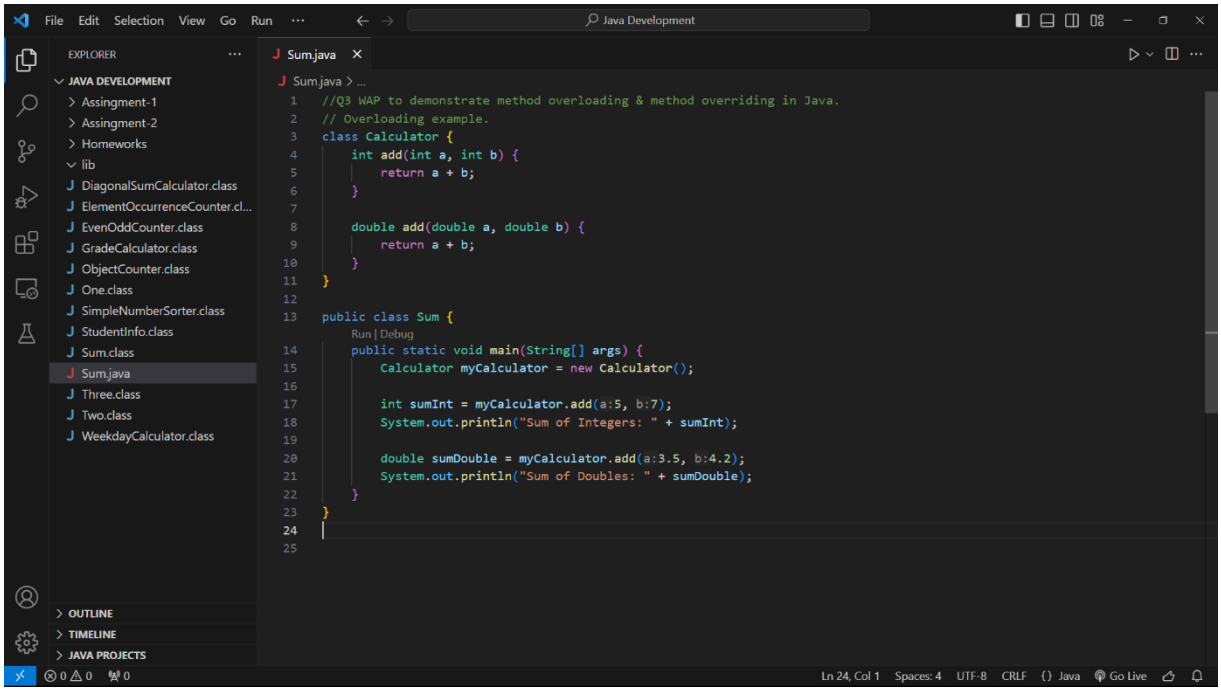
Q2 INPUT:-

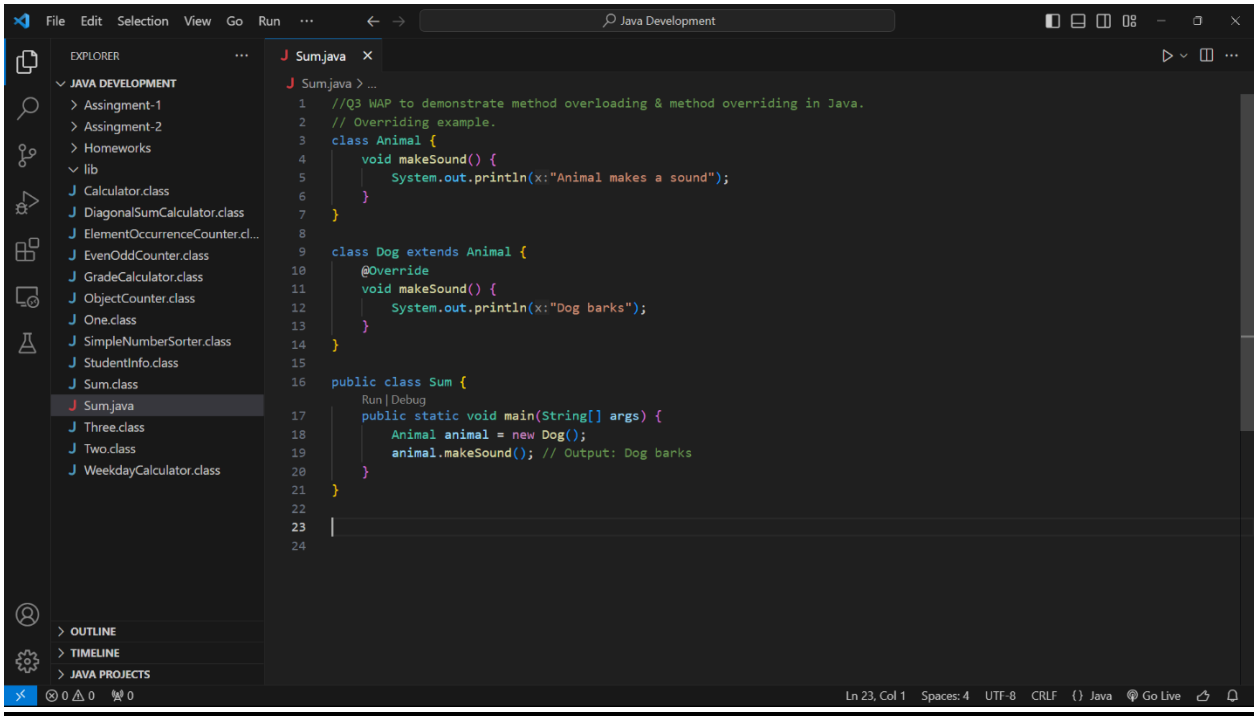


OUTPUT:-



Q3 INPUT: -


File Edit Selection View Go Run
Java Development
EXPLORER
JAVA DEVELOPMENT
Assingment-1
Assingment-2
Homeworks
lib
DiagonalSumCalculator.class
ElementOccurrenceCounter.cl...
EvenOddCounter.class
GradeCalculator.class
ObjectCounter.class
One.class
SimpleNumberSorter.class
StudentInfo.class
Sum.class
Sum.java
Three.class
Two.class
WeekdayCalculator.class
Sum.java
Sum.java > ...
//Q3 WAP to demonstrate method overloading & method overriding in Java.
// Overloading example.
class Calculator {
int add(int a, int b) {
return a + b;
}
double add(double a, double b) {
return a + b;
}
}
public class Sum {
Run | Debug
public static void main(String[] args) {
Calculator myCalculator = new Calculator();
int sumInt = myCalculator.add(a:5, b:7);
System.out.println("Sum of Integers: " + sumInt);
double sumDouble = myCalculator.add(a:3.5, b:4.2);
System.out.println("Sum of Doubles: " + sumDouble);
}
}
OUTLINE
TIMELINE
JAVA PROJECTS
Ln 24, Col 1 Spaces: 4 UTF-8 CRLF { } Java Go Live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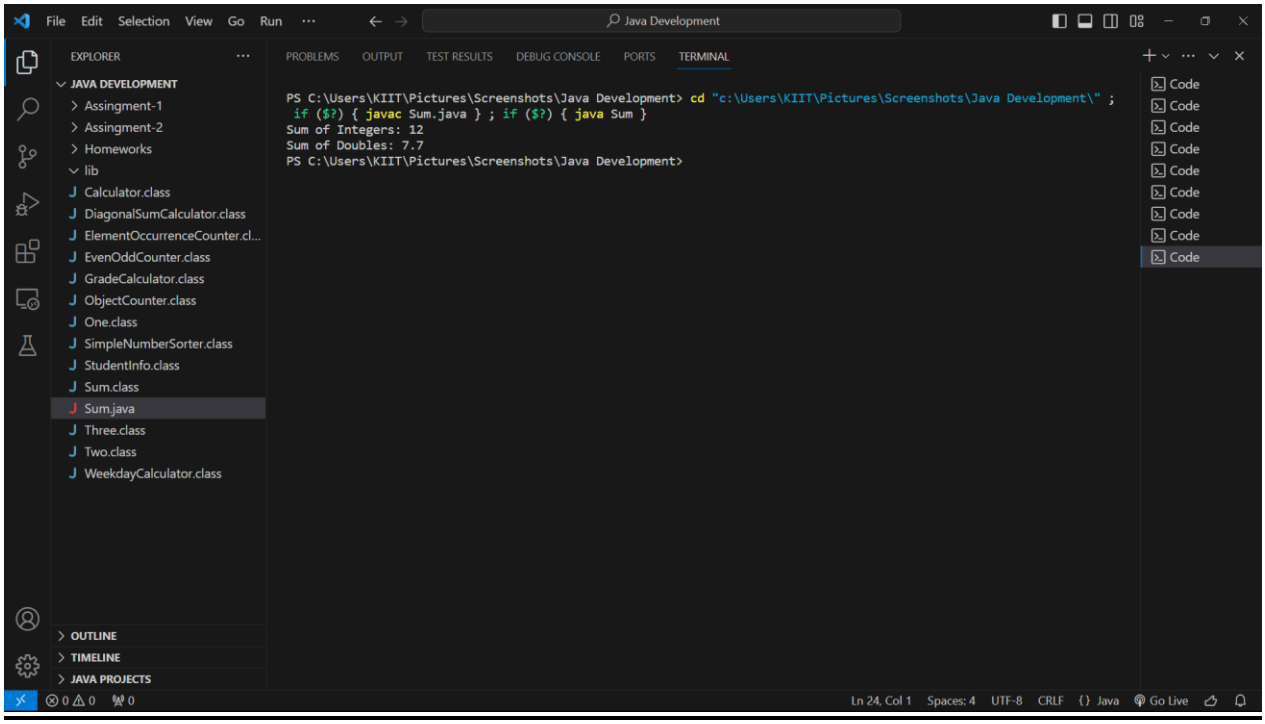
Two.class
WeekdayCalculator.class
Sum.java
Sum.java > ...
//Q3 WAP to demonstrate method overloading & method overriding in Java.
// Overriding example.
class Animal {
void makeSound() {
System.out.println(x:"Animal makes a sound");
}
}
class Dog extends Animal {
@Override
void makeSound() {
System.out.println(x:"Dog barks");
}
}
public class Sum {
Run | Debug
public static void main(String[] args) {
Animal animal = new Dog();
animal.makeSound(); // Output: Dog barks
}
}
OUTLINE
TIMELINE
JAVA PROJECTS
Ln 23, Col 1 Spaces: 4 UTF-8 CRLF { } Java Go Live

OUTPUT


File Edit Selection View Go Run ···
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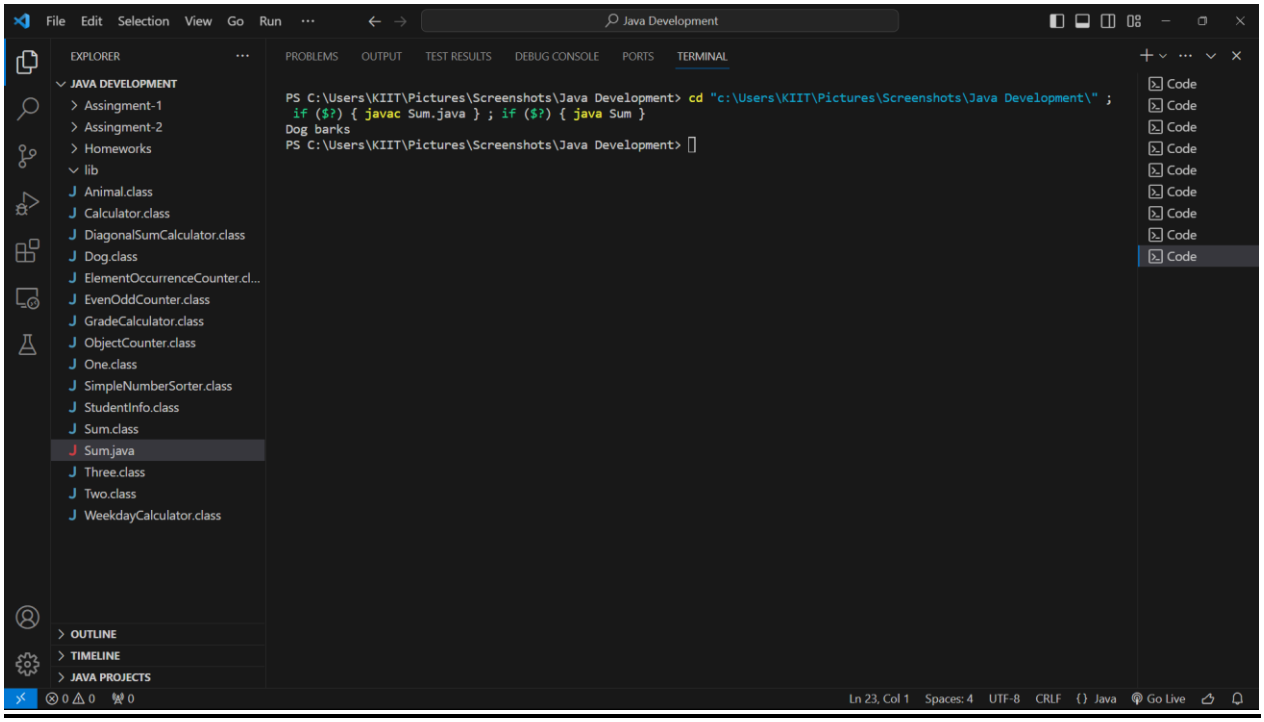
WeekdayCalculator.class
OUTLINE
TIMELINE
JAVA PROJECTS
PROBLEMS OUTPUT TEST RESULTS DEBUG CONSOLE PORTS TERMINAL
PS C:\Users\KIIT\Pictures\Screenshots\Java Development> cd "c:\Users\KIIT\Pictures\Screenshots\Java Development\" ;
if ($?) { javac Sum.java } ; if ($?) { java Sum }
Sum of Integers: 12
Sum of Doubles: 7.7
PS C:\Users\KIIT\Pictures\Screenshots\Java Development>
Code
Ln 24, Col 1 Spaces: 4 UTF-8 CRLF {} Java Go Live


File Edit Selection View Go Run ···
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Animal.class
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Dog.class
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PS C:\Users\KIIT\Pictures\Screenshots\Java Development> cd "c:\Users\KIIT\Pictures\Screenshots\Java Development\" ;
if ($?) { javac Sum.java } ; if ($?) { java Sum }
Dog barks
PS C:\Users\KIIT\Pictures\Screenshots\Java Development>
Code
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