**Source Code:**

**public** **class** arithmeticCalculator {

**public** **float** addition(**float** num1,**float** num2) {

**return** num1+num2;

}

**public** **float** subtraction(**float** num1,**float** num2) {

**return** num1-num2;

}

**public** **float** multiplication(**float** num1,**float** num2) {

**return** num1\*num2;

}

**public** **float** division(**float** num1,**float** num2) {

**return** num1/num2;

}

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

arithmeticCalculator obj=**new** arithmeticCalculator();

**float** num1=25;

**float** num2=7;

System.***out***.println("First number:"+num1);

System.***out***.println("Second Number:"+num2);

System.***out***.println("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_");

System.***out***.println("Addition:"+obj.addition(num1,num2));

System.***out***.println("Subtraction:"+obj.subtraction(num1,num2));

System.***out***.println("Multiplication:"+obj.multiplication(num1,num2));

System.***out***.println("Division:"+obj.division(num1,num2));

}

}

**Output:**

First number:25.0

Second Number:7.0

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Addition:32.0

Subtraction:18.0

Multiplication:175.0

Division:3.5714285