```java
public class ArthematicCalculator {

    static double a;
    static double b;

    double sum(double a, double b) {

        this.a = a;
        this.b = b;
        return a + b;
    }

    double difference(double a, double b) {
        return a - b;
    }

    double multiplication(double a, double b) {
    return a * b;
    }

    double division(double a, double b) {
        return a / b;
    }

    public static void main(String[] args) {

        ArthematicCalculator op = new ArthematicCalculator();
        double s = op.sum(10, 15.6);
        System.out.println("sum is "+s);
```

```java
        double d = op.difference(10, 15.6);

        System.out.println("difference is "+ d);


        double m = op.multiplication(10,15.6);

        System.out.println(" multiplication is "+m);


        double D = op.division(10, 15.6);

        System.out.println("division is "+ D);




    }
}
```