

obj... X Services Files

Sem2Act1.java X sem2base.java X sem2ArithMath.java X addition.java X subtraction.java X multiplication.java X division.java X sem2...

Source History system args the command line arguments

```
14
15  /*
16  */
17  public static void main(String[] args) {
18      addition add = new addition(15, 10);
19      System.out.println("Addition Result: " + add.calculate());
20
21      subtraction sub = new subtraction(15,10);
22      System.out.println("\nSubtraction Result: " + sub.calculate());
23
24      multiplication mul = new multiplication(15, 10);
25      System.out.println("\nMultiplication Result: " + mul.calculate());
```

Output - Sem2Act1 (run)

```
run:
Addition Result: 25.0

Subtraction Result: 5.0

Multiplication Result: 150.0
Error
task cannot be performed!

Division Result: 0.0

Circle Area: 78.53981633974483

Prime: false

Mean Result: 16.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

Output

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Project X Services Files

Sem2Act1.java sem2base.java sem2ArithMath.java addition.java subtraction.java multiplication.java division.java sem2...

Source History

```
22
23     multiplication mul = new multiplication(15, 10);
24     System.out.println("\nMultiplication Result: " + mul.calculate());
25
26     division div = new division(20, 0);
27     System.out.println("\nDivision Result: " + div.calculate());
28
29     circleClass circle = new circleClass(-3);
30     System.out.println("\nCircle Area: " + circle.calculate());
31
32     PrimeCheckerClass prime = new PrimeCheckerClass(4);
33     System.out.println("\nPrime: " + prime.initialize());
34
```

Output - Sem2Act1 (run)

```
run:
Addition Result: 25.0
Subtraction Result: 5.0
Multiplication Result: 150.0
Error
task cannot be performed!
Division Result: 0.0
Exception in thread "main" java.lang.IllegalArgumentException: Radius must be positive
    at sem2act1.circleClass.<init>(circleClass.java:17)
    at sem2act1.Sem2Act1.main(Sem2Act1.java:29)
C:\Users\SHANE\AppData\Local\NetBeans\Cache\25\executor-snippets\run.xml:111: The following error occurred while executing this line:
C:\Users\SHANE\AppData\Local\NetBeans\Cache\25\executor-snippets\run.xml:60: Java returned: 1
```

Output 29:48 INS