

Compiler Design Lab 5

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For Input Test File 4: $a = b + c * d$

```
icg.txt
*, c, d, t1
+, b, t1, t2
=, t2, , a
```

For Input Test File 3: $e = a + b * c - d / b * c$

```
icg.txt
*, b, c, t1
+, a, t1, t2
/, d, b, t3
*, t3, c, t4
-, t2, t4, t5
=, t5, , e
```

For Input Test File 2: $b = c / 6.7 + 12.45 - a * 1234.0$

```
icg.txt
/, c, 6.7, t1
+, t1, 12.45, t2
*, a, 1234.0, t3
-, t2, t3, t4
=, t4, , b
```

For Input Test File 1: $x = 9/2 + a - b$

```
icg.txt
/, 9, 2, t1
+, t1, a, t2
-, t2, b, t3
=, t3, , x
```