

Compiler Design

Lab 4

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For Input Test File 1: $a = 10 / 5 - 2 * 7 + 3$

```
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$ ./run.sh
ld: warning: object file (/Library/Developer/CommandLineTools/SDKs/MacOSX.sdk/usr/lib/lib1.a(libyywrap.o)) was built for newer macOS version (12.3) than being linked (12.0)
+
-
/
10
5
*
2
7
3
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$
```

Output:

For Input Test File 3: $b = c / 6.7 + 12.45 - a * 1234.0$

Output:

```
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$ ./run.sh
ld: warning: object file (/Library/Developer/CommandLineTools/SDKs/MacOSX.sdk/usr/lib/lib1.a(libyywrap.o)) was built for newer macOS version (12.3) than being linked (12.0)
+
-
/
c
6.7
12.45
*
a
1234.0
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$
```

For Input Test File 3: $a = 10 / 5 * 2 - 7 + 3$

Output:

```
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$ ./run.sh
ld: warning: object file (/Library/Developer/CommandLineTools/SDKs/MacOSX.sdk/usr/lib/lib1.a(libyywrap.o)) was built for newer macOS version (12.3) than being linked (12.0)
+
-
/
10
5
2
7
3
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$
```

For Input Test File 4: $x = 9 / 2 + a - b$

Output:

```
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$ ./run.sh
ld: warning: object file (/Library/Developer/CommandLineTools/SDKs/MacOSX.sdk/usr/lib/lib1.a(libyywrap.o)) was built for newer macOS version (12.3) than being linked (12.0)
+
/
9
2
a
b
Vanshika-MacBook-Air /Users/vanshikagoel/Desktop/CD/Lab/Lab 4 (AST)/PES1UG20CS484_Lab4$
```