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/Users/matthew/Dev/CSCI61/DataStructures/cmake-build-debug/DataStructures
```

```
Please input a valid infix expression
```

```
A * (B + C) / D
```

```
Here is the prefix expression: /*A+BCD
```

```
Here is the prefix converted back to infix: ((A*(B+C))/D)
```

```
Process finished with exit code 0
```

```
|
```

Please input a valid infix expression

$A * (B + C / D)$

Here is the prefix expression: *A+B/CD

Here is the prefix converted back to infix: (A*(B+(C/D)))

Process finished with exit code 0

Please input a valid infix expression

*A * B + C / D*

Here is the prefix expression: $+*AB/CD$

Here is the prefix converted back to infix: $((A*B)+(C/D))$

Process finished with exit code 0