run:

Expression: 3 \* -5

Post Fix: 3 -5 \*

Pre Order: \* -5 3

In Order: -5 \* 3

Post Order: -5 3 \*

Eulers Tour: \* (-5, 3)

Evaluated: -15.0

Expression: 4.5 m 3.6 / 5.2

java.lang.RuntimeException: Expression does not have correct amount operators or operands

Expression: 4.5 - 3.6 / 5.2

Post Fix: 4.5 3.6 5.2 / -

Pre Order: - / 5.2 3.6 4.5

In Order: 5.2 / 3.6 - 4.5

Post Order: 5.2 3.6 / 4.5 -

Eulers Tour: - (/ (5.2, 3.6), 4.5)

Evaluated: 3.5

Expression: 9.1 + 6.3 \* 5.0

Post Fix: 9.1 6.3 5.0 \* +

Pre Order: + \* 5.0 6.3 9.1

In Order: 5.0 \* 6.3 + 9.1

Post Order: 5.0 6.3 \* 9.1 +

Eulers Tour: + (\* (5.0, 6.3), 9.1)

Evaluated: 3.0

Expression: ( 4 - 3 ) / 5

Post Fix: 4 3 - 5 /

Pre Order: / 5 - 3 4

In Order: 5 / 3 - 4

Post Order: 5 3 4 - /

Eulers Tour: / (5, - (3, 4))

Evaluated: 3.4

Expression: 4 + ( 7 / 2 )

Post Fix: 4 7 2 / +

Pre Order: + / 2 7 4

In Order: 2 / 7 + 4

Post Order: 2 7 / 4 +

Eulers Tour: + (/ (2, 7), 4)

Evaluated: 7.5

Expression: [ 4 + 7 ] \* { 8 - 11 }

Post Fix: 4 7 + 8 11 - \*

Pre Order: \* - 11 8 + 7 4

In Order: 11 - 8 \* 7 + 4

Post Order: 11 8 - 7 4 + \*

Eulers Tour: \* (- (11, 8), + (7, 4))

Evaluated: -129.0

Expression: 4 + 7 8 - 11

java.lang.RuntimeException: Expression does not have correct amount operators or operands

Expression: ( ( [ 3 + 1 ] \* 3 ) / ( ( 9 - 5 ) ) - ( ( 3 \* ( 7 - 4 ) ) + 6 ) )

Post Fix: 3 1 + 3 \* 9 5 - / 3 7 4 - \* 6 + -

Pre Order: - + 6 \* - 4 7 3 / - 5 9 \* 3 + 1 3

In Order: 6 + 4 - 7 \* 3 - 5 - 9 / 3 \* 1 + 3

Post Order: 6 4 7 - 3 \* + 5 9 - 3 1 3 + \* / -

Eulers Tour: - (+ (6, \* (- (4, 7), 3)), / (- (5, 9), \* (3, + (1, 3))))

Evaluated: -38.5

Expression: ( ( 3 + 1 ) \* 3 ) / ( ( 9 - 5 ) ) - ( ( 3 \* ( 7 - 4 ) ) + 6 ) )

Post Fix: 3 1 + 3 \* 9 5 - / 3 7 4 - \* 6 + -

Pre Order: - + 6 \* - 4 7 3 / - 5 9 \* 3 + 1 3

In Order: 6 + 4 - 7 \* 3 - 5 - 9 / 3 \* 1 + 3

Post Order: 6 4 7 - 3 \* + 5 9 - 3 1 3 + \* / -

Eulers Tour: - (+ (6, \* (- (4, 7), 3)), / (- (5, 9), \* (3, + (1, 3))))

Evaluated: -38.5

Expression: 3 + 1 \* 3 / 9 - 5 - 3 \* 7 - 4 + 6

Post Fix: 3 1 3 9 / \* 5 3 7 \* 4 6 + - - - +

Pre Order: + - - - + 6 4 \* 7 3 5 \* / 9 3 1 3

In Order: 6 + 4 - 7 \* 3 - 5 - 9 / 3 \* 1 + 3

Post Order: 6 4 + 7 3 \* - 5 - 9 3 / 1 \* - 3 +

Eulers Tour: + (- (- (- (+ (6, 4), \* (7, 3)), 5), \* (/ (9, 3), 1)), 3)

Evaluated: -36.333333333333336

Expression: 42

Post Fix: 42

Pre Order: 42

In Order: 42

Post Order: 42

Eulers Tour: 42

Evaluated: 42.0

Expression: 8 \* 24 / ( 4 + 3

java.lang.RuntimeException: Brackets incomplete

Expression: 3 + 4 –

java.lang.RuntimeException: Expression does not have correct amount operators or operands

Expression: -4 \* -4

Post Fix: -4 -4 \*

Pre Order: \* -4 -4

In Order: -4 \* -4

Post Order: -4 -4 \*

Eulers Tour: \* (-4, -4)

Evaluated: 16.0

BUILD SUCCESSFUL (total time: 26 seconds)