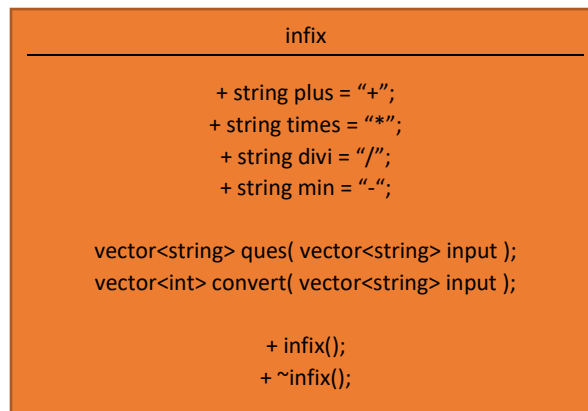


Class Diagram

infix



infix

string plus = "+" :

string times = "*" :

string divi = "/" :

string min = "-" :

Character used to represent the 'plus' operator.

Character used to represent the 'times' operator.

Character used to represent the 'divide' operator.

Character used to represent the 'minus' operator.

**vector<string> ques
(vector<string> input) :**

The function that rearranges the prefix notation and prints out its infix interpretation.

**vector<int> convert
(vector<string> input) :**

The function that converts the prefix statement to infix and outputs the result of the statement.

Test Cases

Test Case ID	Input	Expected Output	Actual Output	Pass or Fail	Comments
01	"* - 5 6 7"	"5 - 6 * 7 = -7"	"5 - 6 * 7 = -7"	P	To test whether it takes an input of values correctly and interprets them in the correct order and outputs the correct result.
02	"/ 10 5"	"10 / 5 = 2"	"10 / 5 = 2"	P	To test whether it takes this particular set of numbers and operators, and successfully returns expected values.
03	"* 5"	"Error"	"Error"	P	To test whether it successfully returns the expected error message when necessary.