

```

Running 36 tests from 2 test cases.
Global test environment set-up.
29 tests from TPostfix
RUN OK TPostfix.can_create_postfix
RUN OK TPostfix.can_create_postfix (0 ms)
RUN OK TPostfix.can_create_postfix_with_correct_brackets
RUN OK TPostfix.can_create_postfix_with_correct_brackets (1 ms)
RUN OK TPostfix.throws_when_create_postfix_with_incorrect_placement_of_brackets
RUN OK TPostfix.throws_when_create_postfix_with_incorrect_placement_of_brackets (0 ms)
RUN OK TPostfix.throws_when_create_postfix_with_too_much_closing_brackets
RUN OK TPostfix.throws_when_create_postfix_with_too_much_closing_brackets (0 ms)
RUN OK TPostfix.throws_when_create_postfix_with_too_much_opening_brackets
RUN OK TPostfix.throws_when_create_postfix_with_too_much_opening_brackets (1 ms)
RUN OK TPostfix.can_create_postfix_with_correct_names_of_variables
RUN OK TPostfix.can_create_postfix_with_correct_names_of_variables (0 ms)
RUN OK TPostfix.throws_when_create_postfix_with_incorrect_name_of_variable
RUN OK TPostfix.throws_when_create_postfix_with_incorrect_name_of_variable (1 ms)
RUN OK TPostfix.can_get_infix
RUN OK TPostfix.can_get_infix (0 ms)
RUN OK TPostfix.can_get_string_infix
RUN OK TPostfix.can_get_string_infix (1 ms)
RUN OK TPostfix.can_get_postfix
RUN OK TPostfix.can_get_postfix (0 ms)
RUN OK TPostfix.can_get_postfix_with_operations_which_have_different_priorities
RUN OK TPostfix.can_get_postfix_with_operations_which_have_different_priorities (1 ms)
RUN OK TPostfix.can_get_string_postfix
RUN OK TPostfix.can_get_string_postfix (0 ms)
RUN OK TPostfix.can_get_string_postfix_with_operations_which_have_different_priorities
RUN OK TPostfix.can_get_string_postfix_with_operations_which_have_different_priorities (0 ms)
RUN OK TPostfix.can_get_postfix_with_expressions_with_brackets
RUN OK TPostfix.can_get_postfix_with_expressions_with_brackets (0 ms)
RUN OK TPostfix.can_get_string_postfix_with_expressions_with_brackets
RUN OK TPostfix.can_get_string_postfix_with_expressions_with_brackets (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_plus
RUN OK TPostfix.can_calculate_arithmetic_expression_with_plus (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_plus_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_plus_and_variables (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_minus
RUN OK TPostfix.can_calculate_arithmetic_expression_with_minus (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_minus_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_minus_and_variables (1 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_multiplication
RUN OK TPostfix.can_calculate_arithmetic_expression_with_multiplication (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_multiplication_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_multiplication_and_variables (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_division
RUN OK TPostfix.can_calculate_arithmetic_expression_with_division (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_division_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_division_and_variables (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sin
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sin (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sin_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sin_and_variables (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_cos
RUN OK TPostfix.can_calculate_arithmetic_expression_with_cos (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_cos_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_cos_and_variables (0 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sqrt
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sqrt (1 ms)
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sqrt_and_variables
RUN OK TPostfix.can_calculate_arithmetic_expression_with_sqrt_and_variables (1 ms)
-----
29 tests from TPostfix (40 ms total)
-----
7 tests from TStack
RUN OK TStack.can_create_stack_with_positive_length
RUN OK TStack.can_create_stack_with_positive_length (0 ms)
RUN OK TStack.cant_create_too_large_stack
RUN OK TStack.cant_create_too_large_stack (1 ms)
RUN OK TStack.throws_when_create_stack_with_negative_length
RUN OK TStack.throws_when_create_stack_with_negative_length (1 ms)
RUN OK TStack.can_set_and_get_last_element
RUN OK TStack.can_set_and_get_last_element (0 ms)
RUN OK TStack.can_set_and_check_last_element
RUN OK TStack.can_set_and_check_last_element (0 ms)
RUN OK TStack.can_get_information_that_empty_stack_is_empty
RUN OK TStack.can_get_information_that_empty_stack_is_empty (0 ms)
RUN OK TStack.can_get_information_that_full_stack_is_full
RUN OK TStack.can_get_information_that_full_stack_is_full (0 ms)
-----
7 tests from TStack (14 ms total)
-----
Global test environment tear-down
=====
36 tests from 2 test cases ran. (63 ms total)
PASSED 36 tests.

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C:\Users\Alex\Desktop\third-lab\mn2-lab3-postfix\build\base-test\Debug\postfix_test.exe (process 3192) завершил работу с кодом 0

Введите арифметическое выражение: $1+2$

Арифметическое выражение:

$1 + 2$

Постфиксная форма:

$1\ 2\ +$

Результат:

3

Введите арифметическое выражение: $1+2*(3-2)-4$

Арифметическое выражение:

$1 + 2 * (3 - 2) - 4$

Постфиксная форма:

$1\ 2\ 3\ 2\ -\ *\ +\ 4\ -$

Результат:

-1

Введите арифметическое выражение: $((1+23)*1-22)+5)*2-(7$

The brackets in expression are incorrect

Введите арифметическое выражение: $1+2/(3-3)$

Арифметическое выражение:

$1 + 2 / (3 - 3)$

Постфиксная форма:

$1\ 2\ 3\ 3\ -\ /\ +$

Результат:

inf

Введите арифметическое выражение: 1++1

Арифметическое выражение:

1 + + 1

Постфиксная форма:

1 + 1 +

Stack Is Empty