

```

[=====] Running 22 tests from 2 test cases.
[-----] Global test environment set-up.
[-----] 10 tests from Cluster
[RUN] Cluster.can_create_cluster_with_correct_values
[OK] Cluster.can_create_cluster_with_correct_values (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_small_k
[OK] Cluster.throws_when_create_cluster_with_too_small_k (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_large_k
[OK] Cluster.throws_when_create_cluster_with_too_large_k (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_small_tacts
[OK] Cluster.throws_when_create_cluster_with_too_small_tacts (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_large_tacts
[OK] Cluster.throws_when_create_cluster_with_too_large_tacts (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_small_queueSize
[OK] Cluster.throws_when_create_cluster_with_too_small_queueSize (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_large_queueSize
[OK] Cluster.throws_when_create_cluster_with_too_large_queueSize (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_negative_frequency
[OK] Cluster.throws_when_create_cluster_with_negative_frequency (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_zero_frequency
[OK] Cluster.throws_when_create_cluster_with_zero_frequency (0 ms)
[RUN] Cluster.throws_when_create_cluster_with_too_large_frequency
[OK] Cluster.throws_when_create_cluster_with_too_large_frequency (0 ms)
[-----] 10 tests from Cluster (5 ms total)

[-----] 12 tests from TQueue
[RUN] TQueue.can_create_queue
[OK] TQueue.can_create_queue (0 ms)
[RUN] TQueue.new_queue_is_empty
[OK] TQueue.new_queue_is_empty (0 ms)
[RUN] TQueue.can_get_size_of_an_empty_queue
[OK] TQueue.can_get_size_of_an_empty_queue (0 ms)
[RUN] TQueue.can_get_size_of_filled_queue
[OK] TQueue.can_get_size_of_filled_queue (0 ms)
[RUN] TQueue.added_elem_in_queue_changes_size
[OK] TQueue.added_elem_in_queue_changes_size (0 ms)
[RUN] TQueue.cant_get_elem_from_empty_queue
[OK] TQueue.cant_get_elem_from_empty_queue (0 ms)
[RUN] TQueue.can_get_elem_from_filled_queue
[OK] TQueue.can_get_elem_from_filled_queue (0 ms)
[RUN] TQueue.get_elem_from_queue_cant_change_size
[OK] TQueue.get_elem_from_queue_cant_change_size (0 ms)
[RUN] TQueue.cant_remove_elem_from_empty_queue
[OK] TQueue.cant_remove_elem_from_empty_queue (0 ms)
[RUN] TQueue.can_remove_elem_from_filled_queue
[OK] TQueue.can_remove_elem_from_filled_queue (0 ms)
[RUN] TQueue.remove_elem_from_queue_changes_size
[OK] TQueue.remove_elem_from_queue_changes_size (0 ms)
[RUN] TQueue.first_in_first_out_in_queue
[OK] TQueue.first_in_first_out_in_queue (0 ms)
[-----] 12 tests from TQueue (22 ms total)

[-----] Global test environment tear-down
[=====] 22 tests from 2 test cases ran. (32 ms total)
[PASSED] 22 tests.

```

C:\Users\titanpc\Desktop\LABA 4\mp2-lab4-queue\build\base_test\Debug\postfix_test
Нажмите любую клавишу, чтобы закрыть это окно: _

Enter the values:

Number of processors (from 1 to 64): 7

Number of cluster clock cycles (from 1 to 1000): 97

Max queue size in cluster (from 5 to 50): 6

Frequency of appearance of tasks

(from 0(exclusive) to 1 (inclusive)): 1

Statistics:

Number of total tasks: 97

Number of failures (due to queue overflow): 68

Number of completed tasks: 22

Number of tasks remaining in the queue: 6

Number of running tasks at the time of completion: 1

Number of idle cycles of the cluster: 0

Average cluster load: 0.729013

Continue using the program?

1 - Yes

2 - No