|  |  |  |  |
| --- | --- | --- | --- |
| Test 1 (insert) Inputs | Test 1 Expected Outputs | Test 2 (balanced insert) Inputs | Test 2 Expected Outputs |
| SUCCEED  SUCCESS  SUCCUMB | Inserting: SUCCEED  Inserting: SUCCESS  Inserting: SUCCUMB | CAB  CAD  CAR  CAT  COP  COT  COW  CUT | Inserting: CAT  Inserting: COT  Inserting: COW  Inserting: CUT  Inserting: COP  Inserting: CAD  Inserting: CAR  Inserting: CAB |

|  |  |
| --- | --- |
| Test 3 (pattern matching) Inputs | Test 3 Expected Outputs |
| C.T | CAT  COT  CUT |

**Actual Outputs:**

Test 1:

Inserting: SUCCESS

Inserting: SUCCUMB

Inserting: SUCCEED

Test 2:

Inserting: CAT

Inserting: COT

Inserting: COW

Inserting: CUT

Inserting: COP

Inserting: CAD

Inserting: CAR

Inserting: CAB

Test 3: