TMTest1:

lili-macbook-pro:src lilipeng$ java TMTest1 abba

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest1 abbba

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest1 bbababb

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest1 babbbb

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest1 aaabbb

Valid string? true

TMTest2:

lili-macbook-pro:src lilipeng$ java TMTest2 baa

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest2 bbbaa

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest2 bbaaaa

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest2 bbaabb

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest2 bbaaa

Valid string? true

TMTest3:

lili-macbook-pro:src lilipeng$ java TMTest3 xyx

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest3 yxxy

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest3 xxyxx

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest3 xyyxy

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest3 yxyxyxy

Valid string? true

TMTest4:

lili-macbook-pro:src lilipeng$ java TMTest4 qpq

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest4 qqpqq

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest4 qqppq

Valid string? false

lili-macbook-pro:src lilipeng$ java TMTest4 qqppqq

Valid string? true

lili-macbook-pro:src lilipeng$ java TMTest4 qqppqqq

Valid string? false