testcase1: SDFDGBKTJE

testcase2: WEKRLJWEKJR

testcase3: ALKJFKLD

```
11011011
```

testcase4: ERNJEW

0 1 0

0 1 0

testcase5: XCICYUVY

testcase6: SDFYUEIWUFY

testcase7: XCVUIUTYUCTYUCXT

testcase8: VUIYUF

 $1\,1\,0\,1\,1\,1\,1\,1\,0\,1\,1$

testcase9: EROW

0 1 0

0 1 0

testcase10: BCOUII