

Description

This is another Sample Input/Output for **10693 - K Characters with Paddings**

Input

Output

Sample Input

```
1
AABBBC 2 2
EOF
```

Sample Output

```
__AA
__AB
__AC
__BB
__BC
_A_A
_A_B
_A_C
_AA_
_AB_
_AC_
_B_B
_B_C
_BB_
_BC_
A__A
A__B
A__C
A_A_
A_B_
```

A_C_

AA__

AB__

AC__

B__B

B__C

B_B_

B_C_

BB__

BC__

EOF