JARVIS, get me a suit!

During the battle with the Mandarin, Tony wants to summon a specific suit to him. He gives Jarvis a binary number which is basically the "MK" number of the suit.

Help Jarvis figure out which suit to summon.

Input Format

One binary number n

Constraints

$1 \leq n \leq 101010$

Output Format

MK-d

where d is the decimal form of n (only print "MK-d")

Sample Input 0

```
1100
```

Sample Output 0

```
MK-12
```

Explanation 0

1100 in decimal format is 12.

Hence we print "*MK-12*" as output.