

CON_LOOP_Level2_001

Write a program to arrange the even digits first and odd digits second of the given number vice versa.

Input Format

First input is option and next the value If the option is 0 - odd digits first 1 - even digits first

Constraints

$1 \leq \text{num} \leq 100000007$

Output Format

print the value

Sample Input 0

```
0 89745
```

Sample Output 0

```
97584
```