

ZIG-ZAG STRING

Given a string and number of rows 'n'. Print the string formed by concatenating n rows when input string is written in row-wise Zig-Zag fashion.

Examples:

Input: str = "ABCDEFGH"

n = 2

Output: "ACEGBDFH"

Explanation: Let us write input string in Zig-Zag fashion
in 2 rows.

```
A   C   E   G
  B   D   F   H
```

Now concatenate the two rows and ignore spaces
in every row. We get "ACEGBDFH"

Input: str = "GEEKSFORGEEKS"

n = 3

Output: GSGSEKFREKEOE

Explanation: Let us write input string in Zig-Zag fashion
in 3 rows.

```
G       S       G       S
  E   K   F   R   E   K
    E       O       E
```

Now concatenate the two rows and ignore spaces
in every row. We get "GSGSEKFREKEOE"