

Java loops | Set 1

For a given N, prints the sum of even and odd integers of the first N natural numbers.

Input:

First line of the input contains an integer T which denotes the number of test cases. Then T test cases follow. Each test case contains a single line containing N.

Output:

For each test case, print space separated sums of even and odd integers of the first N natural numbers respectively.

Constraints:

$1 \leq T \leq 200$

$1 \leq N \leq 10000$

Example:

Input:

2

1

6

Output:

0 1

12 9