

# **Pancakes**

One day, Bibi encounters "The Lazy Caterer's Problem". The core of the problem is to find the maximum number pieces of pancake that can be made by slicing the pancake with X cuts. Bibi is wondering what are the sequences of "The Lazy Caterer's Problem" ranging from 0 cut(s) to N-1 cut(s).

### Format Input

The first line of the input contains an integer T, the number of test cases. Each test case contains an integer N, indicating the upper range of "The Lazy Caterer's Problem" sequence.

## Format Output

Print N number which is the sequence from 0 cut(s) until N-1 cut(s). Don't forget to print the prefix "Case T: ".

#### Constraints

- $1 \le T \le 100$
- $1 \le N \le 10,000$

## Sample Input (standard input)

```
3
1
10
15
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```

# Sample Output (standard output)

```
Case 1: 1
Case 2: 1 2 4 7 11 16 22 29 37 46
Case 3: 1 2 4 7 11 16 22 29 37 46 56 67 79 92 106
```

#### Note

Do not print trailing spaces.

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#### Constraints

In test case 2,

- When 0 cuts are made the pancake turns into 1 slice(s).
- When 1 cut are made the pancake turns into 2 slice(s).
- When 2 cuts are made the pancake turns into 4 slice(s).
- •
- When 9 cuts are made the pancake turns into 46 slice(s).



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## **Pancakes**

Suatu hari, Bibi menemukan "The Lazy Caterer's Problem". Inti dari soal tersebut adalah mencari jumlah potongan panekuk maksimal yang bisa dibentuk dengan membuat X potongan. Bibi penasaran dengan urutan hasil "The Lazy Caterer's Problem" dari 0 potongan hingga N-1 potongan.

## Format Input

Baris pertama input berisi sebuah bilangan bulat T, menyatakan jumlah kasus uji. Setiap kasus uji berisi sebuah bilangan bulat N, menandakan batas atas urutan "The Lazy Caterer's Problem".

### Format Output

Keluarkan N angka yaitu hasil dari 0 potongan hingga N-1 potongan. Jangan lupa untuk mengeluarkan awalan "Case T: ".

#### Constraints

- $1 \le T \le 100$
- $1 \le N \le 10,000$

## Sample Input (standard input)

```
3
1
10
15
```

## Sample Output (standard output)

```
Case 1: 1
Case 2: 1 2 4 7 11 16 22 29 37 46
Case 3: 1 2 4 7 11 16 22 29 37 46 56 67 79 92 106
```

#### Note

Jangan keluarkan trailing spaces.

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#### Constraints

Untuk kasus uji 2,

- Saat 0 potongan dibuat, panekuk berubah menjadi 1 potongan.
- Saat 1 potongan dibuat, panekuk berubah menjadi 2 potongan.
- Saat 2 potongan dibuat, panekuk berubah menjadi 4 potongan.
- •
- Saat 9 potongan dibuat, panekuk berubah menjadi 46 potongan.

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