## External Sequence

This problem is nearly impossible to solve! You are given no goals; you can only guess what the corresponding output is for each input. Good luck! Input

The first line contains an integer $T$, which specifies the number of test cases. Then, will follow the descriptions of $T$ test cases.
For each case you will receive an integer N , then, you must print the N -th sequence.
The input must be read from standard input.

## Output

For each input case you must print the string "Scenario \#i: " where i denotes the case you are analyzing (starting from 1) and the sequence as described above.

The output must be written to standard output.

| Input | Output for sample input |
| :--- | :--- |
| 5 | Scenario \#1: 1 |
| 0 | Scenario \#2: 11 |
| 1 | Scenario \#3: 21 |
| 2 | Scenario \#4: 1211 |
| 3 | Scenario \#5: 13211311123113112211 |
| 9 |  |

## Constraints

- $1 \leq \mathrm{T} \leq 41$
- $0 \leq \mathrm{N} \leq 40$

The score will be the quantity of characters the code has.

