

# Aby and Land Plan

Aby is designing a rectangular land plan with a side length of N meters. For this reason, he wants to create a program to visualize the landform he wants.

## Input

Input consist of multiple test case. The first line of input is T, denote the number of test case. The following T lines, there is only one integer N, the side length in meter.

## Output

For every test case, print the visualized rectangular land plan. For the exact details, please look at the example.

## Example

**Input:**

```
3
1
2
5
```

**Output:**

```
#
```

```
##
##
```

```
#####
#...#
#...#
#...#
#####
```

## Constraint

- $1 \leq N \leq 100$