

Diamonds are a Girl's Best Friend

Everyone knows that diamonds are a girl's best friend. You are to write a program that prints diamonds of different dimensions.

Input:

The first line of input will contain a single integer n that indicates the number of diamonds that you are to print. Each the following n lines will contain an upper case letter of the alphabet, followed by a space and positive, odd integer d , $3 \leq d \leq 19$.

Output:

For each line input, you will print a diamond of the letter input. The width and height of the diamond will be equal to d . Print a blank line after each diamond printed. The distance from the left edge of the screen is not important.

Example Input:

```
3
U 11
I 3
L 7
```

Example Output:

```
  U
  UU
 U U
U  U
U  U
U  U
U  U
U  U
  UU
  U
```

```
 I
 II
 I
```

```
 L
 LL
L L
L L
L L
LL
L
```