Print O

Given two integers W and H. Print a pattern that looks like the character 'O' which has a height of H lines and width of W characters. Print this pattern using stars (*). See the sample for more clarification.

Input Format

The first line will contain an integer **T**, representing the number of the test cases. On each of the following **T** lines, there will be two integers **W** and **H (3 <= W, H <= 20)**.

Constraints

empty

Output Format

Print the pattern.
DO NOT print any extra spaces at the end of the lines.

Sample Input 0

```
2
5 3
7 6
```

Sample Output 0

```
*****
*   *
*****
*******
*     *
*     *
*     *
*     *
*******
```