

# Straight Line Spiral Pattern (Act 1)

Print a straight line spiral pattern as shown in the example below. Please use the \* (asterisk) and . (dot) characters.

## Input

You are given  $t$  - the number of test cases and for each of the test cases one integer:  $s$ ,  $3 < s < 100$  - the size of the shape.

## Output

For each of the test cases output the requested pattern. Use one line break in between successive patterns.

## Example

**Input:**

5  
4  
5  
11  
13  
78

**Output:**

```
****
   *
...
*  *
.  .
****
```

```
*****
   *
....
*** *
  .
*   *
...
*****
```

```
*****
   *
.....
***** *
   .
*   * *
..... .
* **** *
.   .
* * * * *
.   .
* * * * *
* *   * *
..... .
* **** *
.   .
*   * *
.....
*****
```

```
*****
   *
.....
***** *
   .
*   * *
..... .
* **** *
.   .
* * * * *
.   .
```



