1. Write a function to print the following:

```
Input a number: 5
Output:
*
**
***
****
*****
```

2. Write a function to print the following:

```
Input a number: 5
Output:
        *
      **
    ***
   ****
  *****
```

3. Write a function to print the following:

```
Input a number: 5
Output:
      *
    ***
   *****
  *******
 *********
```

4. Create a list L of integers between i and j.

5. Create a list L of prime numbers between i and j.