1. Write a program which accepts a sequence of comma-separated numbers from console and generate a list.

```
In [1]: values = input("Input some comma seprated numbers : ")
        list = values.split(",")
        print('List : ',list)
```

```
Input some comma seprated numbers : 1,3,5,6,7,8
List :  ['1', '3', '5', '6', '7', '8']
```

2. Create the below pattern using nested for loop in Python.

```
In [2]: n=10;
        for i in range(n):
            for j in range(i):
                print ('* ', end="")
            print('')

        for i in range(n,0,-1):
            for j in range(i):
                print('* ', end="")
            print('')
```

```
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```

3. Write a Python program to reverse a word after accepting the input from the user.

In [3]:
```python
s = input("Enter a string: ")
print (s[::-1])
```

Enter a string: Prashant Gupta
atpuG tnahsarP

4. Write a Python Program to print the given string in the format specified in the sample output.

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a SOVEREIGN, SOCIALIST, SECULAR, DEMOCRATIC REPUBLIC and to secure to all its citizens

In [4]:
```python
str = "WE, THE PEOPLE OF INDIA, \n\thaving solemnly resolved to constitute India
print(str)
```

```
WE, THE PEOPLE OF INDIA,
        having solemnly resolved to constitute India into a SOVEREIGN,!
                SOCIALIST, SECULAR, DEMOCRATIC REPUBLIC
                    and to secure to all its citizens
```

In [ ]: