

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

```
In [13]: a=input("comma separated numbers").split(",")
print("List : " ,a)
type(a)
```

```
comma separated numbers5,6,7,8
List :  ['5', '6', '7', '8']
```

```
Out[13]: list
```

**Create the below pattern using nested for loop in Python:**

```
* **
```

```


```

```
*
```

```
In [2]: for i in range(6):
print('*'*i)
if i>=5:
    for j in range(4,0,-1):
        print('*'*j)
```

```

*
**
***
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```

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

```
In [3]: A=input('enter a name \t')
        print("reverse of the name is",A[::-1])
```

```
enter a name      sAntOsh Kumar
reverse of the name is ramuK hs0tnAs
```

**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 it's citizens"**

```
In [12]: print("WE, THE PEOPLE OF INDIA,\n\
             having solemnly resolved to constitute India into a SOVEREIGN,",end='!\n
             \t'+ "SOCIALIST, SECULAR,\n
             DEMOCRATIC REPUBLIC \n\t\t and to secure to all it's citizens")
```

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

```
In [ ]:
```