

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

```
In [1]: print("Please enter comma seperated values: ",end="")
csv=input()
csvList = csv.split(',')
print(csvList)
```

Please enter comma seperated values: 1,as,q2,as,23,asga,hdsd,23,61,25
 ['1', 'as', 'q2', 'as', '23', 'asga', 'hdsd', '23', '61', '25']

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

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

```
In [2]: n=6
for i in range(n):
    for j in range(i):
        print("*",end=" ")
    print("")
for i in range(n-2,0,-1):
    for j in range(i):
        print("*",end=" ")
    print("")
```

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

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

```
In [3]: print("Please enter the word which needs to be reversed: ",end="")
word=input()
revword = word[::-1]
print("Reversed word: {}".format(revword))
```

Please enter the word which needs to be reversed: pneumonoultramicroscopicsilicovolcanoconiosis

Reversed word: sisoinoconaclovociliscipocscorcimartluonomuenp

In []: