1. PROS OF PYTHON

1. Python is easy to read and is easy to learn.
2. Python supports multiple systems and platforms.
3. It is object oriented programming- driven.
4. Offers a built in testing framework to set debugging time and enable fastest workflows.
5. Python provides alarge standard library.

CONS OF PYTHON

1. Python is slow.
2. Python is not a very good language for mobile development.
3. Has limitations with database access.
4. Python is not good for multi-processor/multi-core work.

2.Exponential operator (\*\*)

3. // is known as floor division operator. The division of operands where the result is the quotient in which the digits after decimal are removed.

4.

print("enter the list")

l=input().split()

for i in range(0,len(l)//2):

del l[i+1]

print(l)

5.

print("enter the list members")

l=input().split()

for i in range(len(l)-1):

for j in range(len(l)-i-1):

if l[j]>l[j+1]:

l[j],l[j+1]=l[j+1],l[j]

print("The sorted list is:",l,,sep=' ',end="")

6.

n=int(input("enter the value of n"))

for i in range(0,n):

for j in range(0,n-i-1):

print(" ",end="")

for k in range(0,2\*i+1):

print("\*",end="")

print()

for i in range(0,n-1):

for j in range(0,i+1):

print(" ",end="")

for k in range(0,2\*(n-i-2)+1):

print("\*",end="")

print()