Ans 1.

The Pros of the Python:

* Supports multiple systems and platforms.
* Object Oriented Programming-driven.
* A large number of resources are available for Python.

The cons of the Python:

* Python is slow.
* Python is not a very good language for mobile development.
* Python is not a good choice for memory intensive tasks.

Ans 2.

Power operator (\*\*) is has highest precedence in python.

Ans 3.

// is known as floor division. The division of operands where the result is the quotient in which the digits after the decimal point are removed. But if one of the operands is negative, the result is floored, i.e., rounded away from zero.

Ans 4.

list=[1,2,3,4,5,6,7,8,9,10]

del list[1::2]

print list

Ans 5.

ls=[1, 4, 2, 4, 2, 5, 6, 7, 2]

for i in range (0,len(ls)):

for j in range (i+1,len(ls)):

if ls[i]>ls[j]:

a=ls[i]

ls[i]=ls[j]

ls[j]=a

print ls

Ans 6.

print ("enter the value of rows")

n=int(input())

for i in range (0,n):

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

print(end=" ")

for j in range (0,2\*i-1):

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

print()

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

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

print (end=" ")

for j in range(0,2\*i-1):

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

print()