```
'''#IF ELSE CONDITIONS
gpa=(float(input('enter your marks')))
if gpa>2.0:
   print('accepted')
else:
   print('not accepted')
'''
#%%
'''#PROGRAM TO INPUT MARKS OF SUBJECTS & CALCULATE PERCENTAGE
num1=(int(input('enter marks of eng\n')))
num2=(int(input('enter marks of math\n')))
num3=(int(input('enter marks of pst\n')))
sum=num1+num2+num3
per=sum/300*100
print('percentage =',per)
if per>40:
   print('pass')
else:
   print('fail')
'''
#%%
'''
num = 1
while num<200:
   print(num),
   num=num*2
'''
#%%
'''# USE OF [ + ] SIGN
x=("hello")
y=x+(" there")
print(y)
'''
#%%
'''#to count the length of string
x=("hello Sir")
print(len(x))
'''
#%%
'''#PROGRAM TO COUNT THE LENGTH OF STRING GIVEN BY THE USER
x=str(input('enter word to count the length of string\n'))
print('length of string is',len(x))
'''
#%%
'''#lists in python
thislist=['apple','bananananana','pine Apple']
print(thislist)
print('length of list is =',len(thislist))
'''
#%%
'''
list=['apple','bananana','orange']
print(list)
#list.append('pineapple')
list.append(str(input('enter name to add in list\n')))#input from the user
print(list)
list.remove(str(input('enter name to remove from list')))#use to remove from list
```

```
print(list)#print the updated list
'''
#%%
'''
#qudratic equation formula
import math
a=1
b=5
c=6

d=(b**2)-(4*a*c)

x1 = (-b-math.sqrt(d))/(2*a)
x2 = (-b+math.sqrt(d))/(2*a)

print('first is',x1,'second is',x2)
'''
```