

```

'''
start=int(input('enter number to start'))
end=int(input('enter number to end'))
for i in range(start,end):
    print(i)
'''

#%%%
''' #TUPLE
mytuple=('apple','25.232','1','rohan')
print('elements of tuple ',mytuple)
print("length of tuple is",len(mytuple))
print('first element is ',mytuple[0])#first element is 0
i=int(input('enter index to see element in tuple'))
print('element is ',mytuple[i])
print('length is ',len(mytuple[i]))
'''

#%%%
''' #SETS
setA=set(['a','b','c','d'])
setB=set(['e','f','g','h'])
print('b'in setA)#output true
'''

#%%%
''' # sets can also be written as
set={1,2,3}
print('original set',set)
set.add(4)#add 4
print('set after adding element',set)
set.remove(2)#remove 2 from the set
print('set after removing',set)
'''

#%%%
'''
# program to add or remove elements from the set by taking input from the user
set={1,2,3,4,5}
print(set)
set.add(int(input('enter in set')))
print(set)#after adding elements in the set
set.remove(int(input('remove from the set')))
print(set)#print set after removing elements from the set
'''

#%%%
'''
#dictionary in python
dictionary1={'name': 'Ali' ,
            'age':30 ,
            'city': 'Karachi',
            'mail': 'ali123@gamil.com' }
print(dictionary1)
x=str(input('what do you want to see in dictionary '))
print(dictionary1[x])
add=str(input('enter something in dictionary : '))
information=str(input('enter information that you have entered in dictionary '))
dictionary1[add] = information #to add in dictionary
print(dictionary1)
remove=str(input('what do you want to remove : ')) #to remove from the dictionary
dictionary1.pop(remove)
'''

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print(dictionary1)
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'''
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OUTPUT OF DICTIONARY

```
In [13]: runfile('C:/Users/nadee/practice.py', wdir='C:/Users/
nadee')
{'name': 'Ali', 'age': 30, 'city': 'Karachi', 'mail':
'ali123@gamil.com'}
what do you want to see in dictionary mail
ali123@gamil.com
enter something in dictionary : phone
enter information that you have entered in dictionary 0342561721
{'name': 'Ali', 'age': 30, 'city': 'Karachi', 'mail':
'ali123@gamil.com', 'phone': '0342561721'}
what do you want to remove : age
{'name': 'Ali', 'city': 'Karachi', 'mail': 'ali123@gamil.com',
'phone': '0342561721'}
```

