```
t=(334,32,'netrich','gnt',0o63)
print(t)
     (334, 32, 'netrich', 'gnt', 51)
1=[3,5,7,11,17,23,97,29]
#1=[5,10,22,11,15,17,20,30,23,43,91,29]
#1=[5,10,22,11,15,17,20,30,23,91,43]
for i in range(len(1)):
  for j in range(2,1[i]):
    if l[i] % j == 0:
     break
  else:
    if temp=='a':
      temp = i
      l[temp], l[i] = l[i], l[temp]
      temp='a'
print(1)
     [5, 3, 11, 7, 23, 17, 29, 97]
s=['hello','good','morning']
#s[1]='python'
s[1:3]=['python','java']
print(s)
s[1:3]=['python']
print(s)
s[1:3]='python'
print(s)
     ['hello', 'python', 'java']
['hello', 'python']
['hello', 'p', 'y', 't', 'h', 'o', 'n']
def combinations(a,s1=''):
  if len(a)==0:
    print(s1)
  else:
    for i in range(len(a)):
      combinations(a[:i]+a[i+1:],s1+a[i])
combinations('abc')
     abc
     acb
     bac
     bca
     cab
     cha
l=[1,2,[3,4,5,[2.5,6,7,{8,9,10}],(0,'python'),11],12,13]
n1=[]
def new_list(l):
  for i in range(len(1)):
    if isinstance(l[i],int):
      nl.append(l[i])
      1[i]=''
    elif isinstance(l[i],list or set or tuple):
      new_list(l[i])
new_list(1)
print(nl)
     [1, 2, 3, 4, 5, 6, 7, 11, 12, 13]
def unique(1,11=[]):
  [11:=11+[j] for i in 1 for j in i if j not in 11]
  return l1
l=['python','java','html']
print(unique(1))
     ['p', 'y', 't', 'h', 'o', 'n', 'j', 'a', 'v', 'm', 'l']
l=['python','java','html']
\texttt{k=lambda l1=[] : [l1:=l1+[j] for i in l for j in i if j not in l1]}
```

```
[['p'],
     class new:
 def num(l,m,n):
   print(1)
   print(m)
   print(n)
 @staticmethod
 def add(a,b):
   print('sum =',a+b)
test1=new()
test1.num(1,2)
test1.x=10
test1.num(test1.x,5)
     <__main__.new object at 0x7fb802962dc0>
       _main__.new object at 0x7fb802962dc0>
    10
new.num(1,2,3)
    1
    2
test2=new()
test2.add(1,2)
     sum = 3
new.add(1,2)
    sum = 3
def validate(f):
 def p1(num):
   if isinstance(num,int):
     f(num)
   else:
     print("invalid input")
 return p1
@validate
def strong_no(s):
 r=0
 s1=s
 sum =0
 while s!=0:
   r = s%10
   fact=1
   for i in range(1,r+1):
     fact=fact*i
   sum=sum+fact
   s=s//10
 if s1 == sum :
   print("strong number")
   print("not a strong")
strong_no(145)
     strong number
```