lie:	
# code of word I habe	
num = int (input (" Entr a ne:"))	
4 (mumo>=0):	* 1
18 (num so = = 0):	u = 110 • ·
Bint ("no is zev")	
ebe:	
Bind (uns is treu)	
clu:	
hoops (Yno is -ve")	
n loop	3/2
for loop is used when you know the	a enail number of
us you want to repeat a lotecte of wide	
Sequence (the numbers, lists, strings, etc.	
finitiane:	1000
r loop with sequence:	7 x 4
for a vou in seguence-name:	,
Studements	
loop with sange -	•
for var im sange (skut value, stop we	du etm?
Stakments.	, , , , , , ,
	16
o *	

```
a) while loop

A while loop is used when you don't know how many times
you need to supeal it sums as long as the condition so true

Symbol :

Halfiel ration

While (condition):

Statements

Inc | Dec
```

A nusted loop means a loop inside another loop

used when you need nows & columns (like pathens,

for i in range (1,6):

while (1<25):
Print (1)
11=1

tables, matrices)

```
e) for boop imide too loop
  Symbone:
   for tim var a in sanger (short):
      for vost in sunge ():
       Statements of inner loop
      Statement of outer loop
  for i in sange (1,4):
      for 1 in sange (1,4):
     Paint (i, j)
 5) whole loop inside while loop
    Initialization of out loop
    white (condition of outs loop):
       initialization of impulsoop
        while (condition of inner leave):
          Statements of inner !
```

inclder to of inner loop
Chatemarks of outs loop
inclder of outs loop.