

```
In [1]: # print 0 to 20 by using range      for num in range(0,20):  
                                              print (num)
```

```
0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19
```

```
In [3]: # print range 10 to 20            lists=[10,11,12,13,14,15,16,17,18,19]  
                                              for temp in lists:  
10 11 12 13 14 15 16 17 18 19              print (temp)
```

```
In [7]: # Print number of items in the list by using 'len'
```

```
[10, 20, 14, 55, 43, 87, 76]  
Number of item in the List2:  
7  
lists2=[10,20,14,55,43,87,76]  
print (len(lists2))
```

In [4]:

Artificial Intelligence

A
r
t
i
f
i
c
i
a
l

I
n
t
e
l
l
i
g
e
n
c
e

```
list3=["a","r","t","i","f","i","c","i","a","l"," ","i","n","t","e","l","l","i","g","e","n","c","e"]
for temp in list3:
    print (temp)
```

In [10]:

```
input ("-Your Name-")
-Your Name-
int (input("-Your Age-"))
-Your Age-
input ("-Your Profession-")
-Your Profession-
```

In [11]:

```
# Refer this link : https://www.geeksforgeeks.org/python-tuples/
# Print yhis mixeded datatype using Tuples
```

```
(1, 'Welcome', 2, 'Hope')
tuple1=(1,'Welcome',2,'Hope')
print(tuple1)
```

In [12]:

```
# Refer this link : https://www.geeksforgeeks.org/python-tuples/
Tuple1 = (0, 1, 2, 3)
((0, 1, 2, 3), ('python', 'HOPE'))
tuple1=(0,1,2,3)
tuple2=('python','HOPE')
tuple3=(tuple1,tuple2)
print (tuple3)
```

In [17]:

```
# print Odd Numbers in the list
(20,10,16,19,25,1,276,188)
19 is odd
25 is odd
1 is odd
num=[20,10,16,19,25,1,276,188]
for num in list:
    if((num%2)==1):
        print(num,"is odd")
```

In [18]:

```
# print Even numbers in the list
(20,10,16,19,25,1,276,188)
20 is odd
10 is odd
16 is odd
276 is odd
188 is odd
num=[20,10,16,19,25,1,276,188]
for num in list:
    if((num%2)==0):
        print(num,"is even")
```

In []: