

In [1]: *# print 0 to 20 by using range*

```
0
1
2
3
4           for num in range(0,20):
5               print(num)
6
7
8
9
10
11
12
13
14
15
16
17
18
19
```

In [3]: *# print range 10 to 20*

```
for num in range(10,20):
    print(num, end=" ")
```

```
10 11 12 13 14 15 16 17 18 19
```

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
```

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

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

```
Title = "Artificial Intelligence"
print>Title)
for chr in Title:
    print(chr)
```

In [10]:

-Your Name-  
-Your Age-  
-Your Profession-

```
name = input("Enter your Name")
age = int(input("Enter your Age"))
prof = input("Enter your Profession")
print("-Your Name-", name)
print("-Your age-", age)
print("-Your Profession-",prof)
```

In [11]:

*# Refer this link : <https://www.geeksforgeeks.org/python-tuples/>*  
*# Print yhis mixered datatype using Tuples*

(1, 'Welcome', 2, 'Hope')

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

In [12]:

*# Refer this link : <https://www.geeksforgeeks.org/python-tuples/>*  
Tuple1 = (0, 1, 2, 3)

((0, 1, 2, 3), ('python', 'HOPE'))

```
tup1=(0,1,2,3)
tup2=("Python","HOPE")
con=(tup1,tup2)
print(con)
```

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

```
# Define the list of numbers
numbers = [20, 10, 16, 19, 25, 1, 276, 188]

# check for odd numbers
for num in numbers:
    if num % 2 != 0:
        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

```
# Define the list of numbers
numbers = [20, 10, 16, 19, 25, 1, 276, 188]

# check for even numbers
for num in numbers:
    if num % 2 == 0:
        print(num,"is even")
```

In [ ]: