

```
In [16]: #Question1
#Print 0 to 20 by using range
rangeValue= range(0,21)
for temp in rangeValue:
    print(temp)
```

```
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
```

```
In [17]: #Question2
#Print 10 to 20 by using range
rangeValue= range(10,20)
for temp in rangeValue:
    print(temp, end=' ')
```

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

```
In [18]: #Question3
#Print number of items in the list by using 'len'
mylist=[10, 20, 14, 55, 43, 87, 76]
print(mylist)
print("Number of item in the List:",len(mylist))
```

```
[10, 20, 14, 55, 43, 87, 76]
Number of item in the List: 7
```

```
In [6]: #Question4
#Print word the one by one "Artificial Intelligence"

strValue="Artificial Intelligence"
for text in range(0, len(strValue)):
    print(strValue[text])
```

A  
r  
t  
i  
f  
i  
c  
i  
a  
l  
  
I  
n  
t  
e  
l  
l  
i  
g  
e  
n  
c  
e

```
In [8]: #Question5
#Print the expected Output
name=input("-Your Name-:")
age=int(input("-Your Age-:"))
Profession=input("-Your Profession-:")
```

```
-Your Name-:Raj
-Your Age-:25
-Your Profession-:Development
```

```
In [9]: #Question6
#Print the Tuple
myTuple=(1, 'Welcome', 2, 'Hope')
print(myTuple)
```

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

```
In [10]: #Question7
#Print the nested Tuple
tuple1=(0, 1, 2, 3)
tuple2=('python', 'geek')
tuple3=(tuple1,tuple2)
print(tuple3)
```

```
((0, 1, 2, 3), ('python', 'geek'))
```

```
In [15]: #Question8
#print Odd Numbers in the List
myList=[20,10,16,19,25,1,276,188]
print(myList)
for temp in myList:
    if(temp%2==1):
        print(temp,"is odd")
```

```
[20, 10, 16, 19, 25, 1, 276, 188]
19 is odd
25 is odd
1 is odd
```

```
In [14]: #Question9
#print Even Numbers in the List
```

```
mylist=[20,10,16,19,25,1,276,188]
print(myList)
for temp in myList:
    if(temp%2==0):
        print(temp,"is even")
```

```
[20, 10, 16, 19, 25, 1, 276, 188]
20 is even
10 is even
16 is even
276 is even
188 is even
```

In [ ]: