Name: - L Prathyusha

Range

In [1]:

```python
r=range(0,10)
```

In [2]:

```python
for i in r:
    print(i)
```

```
0
1
2
3
4
5
6
7
8
9
```

In [3]:

```python
r1=range(34,10,4)
```

In [4]:

```python
r1
```

Out[4]:

```
range(34, 10, 4)
```

In [5]:

```python
s={100,0,10,200,10,'Prathyusha'}
```

In [6]:

```python
type(s)
```

Out[6]:

```
set
```

In [7]:

```python
s.add('L')
```

In [8]:

```
s
```

Out[8]:

```
{0, 10, 100, 200, 'L', 'Prathyusha'}
```

In [9]:

```
s.remove('Prathyusha')
```

In [10]:

```
s
```

Out[10]:

```
{0, 10, 100, 200, 'L'}
```

Frozenset

In [12]:

```
s={100,0,10,200,10,'Prathyusha'}
```

In [13]:

```
fs=frozenset(s)
```

In [14]:

```
type(fs)
```

Out[14]:

```
frozenset
```

In [15]:

```
fs
```

Out[15]:

```
frozenset({0, 10, 100, 200, 'Prathyusha'})
```

In [16]:

```
for i in fs:
    print(i)
```

```
0
Prathyusha
100
200
10
```

In [17]:

```python
s="python is very very easy"
```

In [18]:

```python
print(s.find("python"))
```

0

In [19]:

```python
print(s.rfind("r"))
```

17

In [20]:

```python
s=("durgaravipavanshiva")
```

In [21]:

```python
# Q. write a program to display all positions of substring in the main string
```

In [22]:

```python
s=input("enter main string:")
subs=input("enter sub string:")
flag=False
pos=-1
n=len(s)
while True:
    pos=s.find(subs,pos+1,n)
    if pos==-1:
        break
    print("found at position",pos)
    flag=True
if flag==False:
    print("Not Found")
```

```
enter main string:11
enter sub string:22
Not Found
```

In [ ]: