

```
In [1]: p = 20  
        q = 20  
        r = 20
```

```
In [2]: p=q=r=20
```

```
In [5]: print(id(p))  
        print(id(q))  
        print(id(r))
```

```
140736764062744  
140736764062744  
140736764062744
```

```
In [4]: p1,q1,r1=20
```

```
-----  
TypeError                                Traceback (most recent call last)  
Cell In[4], line 1  
----> 1 p1,q1,r1=20  
  
TypeError: cannot unpack non-iterable int object
```

```
In [6]: p1,q1,r1= 20, 25, 30
```

```
In [7]: print(id(p1))  
        print(id(q1))  
        print(id(r1))
```

```
140736764062744  
140736764062904  
140736764063064
```

```
In [8]: s= 'hello python'  
        s
```

```
Out[8]: 'hello python'
```

```
In [10]: len(s)
```

```
Out[10]: 12
```

```
In [11]: s
```

```
Out[11]: 'hello python'
```

```
In [12]: s[0]
```

```
Out[12]: 'h'
```

```
In [13]: s[-1]
```

```
Out[13]: 'n'
```

```
In [14]: s[6:]
```

```
Out[14]: 'python'
```

```
In [15]: s [13]
```

```
-----  
IndexError                                Traceback (most recent call last)  
Cell In[15], line 1  
----> 1 s [13]  
  
IndexError: string index out of range
```

```
In [16]: s [0:5]
```

```
Out[16]: 'hello'
```

```
In [18]: s [6:9]
```

```
Out[18]: 'pyt'
```

```
In [19]: s[-5:-1]
```

```
Out[19]: 'ytho'
```

```
In [23]: s [2:]
```

```
Out[23]: 'llo python'
```

```
In [24]: s [:5]
```

```
Out[24]: 'hello'
```

```
In [25]: s
```

```
Out[25]: 'hello python'
```

```
In [26]: s [::-1]
```

```
Out[26]: 'nohtyp olleh'
```

```
In [28]: s [0:13:3]
```

```
Out[28]: 'hlph'
```

```
In [29]: s [0:10:5]
```

```
Out[29]: 'h '
```

```
In [33]: import numpy as np  
         type(np.nan)
```

Out[33]: float

In [ ]: