



```
1 stack=[]
2 stack.append(10)
3 stack.append(20)
4 print("Stack Pop:",stack.pop())
5 queue=[]
6 queue.append(10)
7 queue.append(20)
8 print("Queue Pop:",queue.pop(0))
```

Output

Stack Pop: 20

Queue Pop: 10

=== Code Execution Successful ===

main.py



Share

Run

```
1 s="Hello Python"
2 consonants=[c for c in s if c.lower() not in "aeiou "and c.isalpha()]
3 print(consonants)
```

Output

```
['H', 'l', 'l', 'P', 'y', 't', 'h', 'n']
```

```
=== Code Execution Successful ===
```

main.py



Sh...

```
1 nums=[x for x in range(1, 51)if x%3==0 or x%6==0]  
2 print(nums)
```

JS

TS

GO

php



Output

```
[3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48]
```

```
=== Code Execution Successful ===
```

```
1 set1={1, 2, 3, 4}
2 set2={3, 4, 5}
3 set1-=set1&set2
4 print(set1)
```


Output

```
{1, 2}
```

```
=== Code Execution Successful ===
```


main.py

```
1 s={1,2,3,4}
2 s.discard(3)
3 print(s)
```



Output

```
{1, 2, 4}
```

```
=== Code Execution Successful ===
```

main.py



```
1 set1={1,2,3,4}
2 set2={3,4,5}
3 set1-=set1&set2
4 print(set1)
```

JS

TS

GO

PHP



31°C

Partly cloudy



Search

n

Output

```
{1, 2}
```

```
=== Code Execution Successful ===
```

main.py



```
1 a={1,2,3}
2 b={3,4,5}
3 print(a.symmetric_difference(b))
```

Output

```
{1, 2, 4, 5}
```

```
=== Code Execution Successful ===
```

```
1 s=(10,20,30,40,50,60,70)
```

```
2 print("4th:",s[3],"4th from last:",s[-4])
```


Output

4th: 40 4th from last: 40

=== Code Execution Successful ===

main.py



```
1 a=(1,2,3,2,4,1)
2 repeated={x for x in a if a.count(x)>1}
3 print(repeated)
```

Output

```
{1, 2}
```

```
=== Code Execution Successful ===
```

main.py

```
1 s=(1,2,3,4)
2 print(3 in s)
```

Output

True

=== Code Execution Successful ===