```
#addition
5+2
```

        7

```
#subtraction
8-2
```

        6

```
#mul
5*3
```

        15

```
#power
2**2
```

        4

```
#modulus
10%5
```

        0

```
#string
'Hello Welcome'
```

        'Hello Welcome'

```
#Variable assignment
a=10
b=20
c=a+b
print(c)
```

        30

```
#list
l=[10,20,30,40]
l.append(60)
l
```

        [10, 20, 30, 40, 60]

```
l[3]
```

```
40
```

```
l[0:3]
```

```
[10, 20, 30]
```

```
l[4:]
```

```
[60]
```

```
l[::-1]
```

```
[60, 40, 30, 20, 10]
```

```
#dictionary
d={'Apple':'12','Orange':'3','Grape':'5'}
d
```

```
{'Apple': '12', 'Grape': '5', 'Orange': '3'}
```

```
d['Apple']
```

```
'12'
```

```
#comparison
6>2
```

```
True
```

```
6<2
```

```
False
```

```
2==2
```

```
True
```

```
#loops
i=1
while i<10:
  print(i)
  i=i+1
```

```
1
2
```

```
3
4
5
6
7
8
9
```

```python
#functions
def Course_details(fname):
  print(fname+"Course")

Course_details("BCA")
Course_details("MCA")
Course_details("MA")
```

```
BCACourse
MCACourse
MACourse
```

✓ 0s   completed at 7:52 PM   ● ✕