```python
In [1]: a = 10
        b = 20
        a
        b
```

Out[1]: 20

```python
In [2]: a = 10
        b = 20
        print(a)
        print(b)
```

10
20

```python
In [3]: print(10)
        print(10,20)
        print('python')
        print(10, 20, 'python')
```

10
10 20
python
10 20 python

```python
In [7]: num1=20
        num2=10
        add=num1+num2
        print(add)
```

30

print result with string

```python
In [6]: num1=20
        num2=10
        add=num1+num2
        print('The addition of',num1, 'and',num2, 'is=',add)
```

The addition of 20 and 10 is= 30

```python
In [8]: name='python'
        age=20
        city='hyd'
        print('My name is', name, 'and i am', age, 'years old form', city)
```

My name is python and i am 20 years old form hyd

print format method

```python
In [9]: num1=20
        num2=40
        add=num1+num2
        print('The addition of {} and {} is= {}'.format(num1,num2,add))
```

The addition of 20 and 40 is= 60

```python
In [10]: name='python'
         age=20
         city='nagpur'
         print('hello my name is {}, and i am {} year old form {}'.format(name,age,city))
```

hello my name is python, and i am 20 year old form nagpur

```python
In [18]: num1=100
         num2=25
         num3=333
         avg=(num1+num2+num3)/3
         avg1=round((num1+num2+num3)/3,3)
         print('The average of {}, {}, and {} is= {} or {}'.format(num1,num2,num3,avg,avg1))
```

The average of 100, 25, and 333 is= 152.66666666666666 or 152.667

```python
In [17]: round(avg,2)
```

Out[17]: 152.67

More short format method(f string method

```python
In [20]: num1=20
         num2=40
         add=num1+num2
         print(f'The addition of {num1} and {num2} is= {add}')
```

```
The addition of 20 and 40 is= 60
```

In [23]:
```python
name='python'
age= 21
city='hyd'
print(f'Hello my name is {name}, and i am {age} year old from {city}.')
```
```
Hello my name is python, and i am 21 year old from hyd.
```

In [24]:
```python
num1=100
num2=25
num3=333
avg=round((num1+num2+num3)/3,2)
```

In [27]:
```python
print(f'The average of {num1}, {num2} and {num3} is = {avg}')
```
```
The average of 100, 25 and 333 is = 152.67
```

In [29]:
```python
#let combin all
num1=10
num2=20
add= num1+num2
print('The addition of', num1, 'and', num2, 'is=', add)
print('The addition of {} and {} is ={}'.format (num1,num2,add))
print(f'The addition of {num1} and {num2} is= {add}')
```
```
The addition of 10 and 20 is= 30
The addition of 10 and 20 is =30
The addition of 10 and 20 is= 30
```

end statement

In [31]:
```python
print('hello') # 1st statement
print('good morning') #2nd statement
# i want to print like: hello good morning
```
```
hello
good morning
```

In [38]:
```python
print('hello', end=' ')
print('world good day')
```
```
hello world good day
```

seperator

In [39]:
```python
print('hello', 'hai', 'how are you', sep='--->')
```
```
hello--->hai--->how are you
```

In [40]:
```python
print('hello', 'hai', 'how are you', sep='&')
```
```
hello&hai&how are you
```

In [41]:
```python
print('hello', 'hai', 'how are you', sep='@')
```
```
hello@hai@how are you
```

In [42]:
```python
print('hello', 'hai', 'how are you', sep=' ')
```
```
hello hai how are you
```

In [43]:
```python
print(3,'.')  #. is for from 3 so here we will use sep method
```
```
3 .
```

In [44]:
```python
print(3, '.', sep='')
```
```
3.
```

In [49]:
```python
print(1,2,end=' ')
print(3,'.',sep='')
```
```
1 2 3.
```

In [ ]: