**print statments**

- print is a inbulit function , to see the answers
- In Jupyter notebook we can see latest value with out using print
- If you want to see all the values we need to use print
- In VScode , pycharm there is no markdown option
- If you want to see any answer, we need to use print statement

In [1]:
```
num1=100
num2=200
num1
num2
```

Out[1]:
```
200
```

In [2]:
```
num1=100
num2=200
print(num1)
print(num2)
```

```
100
200
```

In [5]:
```
num1=100
num2=200
print(num1,num2)
print(10,20,30)
print('hello')
print('hello','bye')
print('hello','bye',num1,num2,10,20)
```

```
100 200
10 20 30
hello
hello bye
hello bye 100 200 10 20
```

In [8]:
```
str1="hello"
print(str1)
```

```
hello
```

In [10]:
```
if True:
    print(10)
```

```
  Cell In[10], line 1
    if True
           ^
SyntaxError: expected ':'
```

In [19]:
```
a=10
b=20
c=a+b
```

```
c
# The addition of 10 and 20 is 30
print("The addition of 10 and 20 is 30")
print("The addition of a and b is c")
print("The addition of",a,'and',b,'is',c)
```

```
The addition of 10 and 20 is 30
The addition of a and b is c
The addition of 10 and 20 is 30
```

In [29]:
```
a=100
b=200
c=a+b
c
# The addition of 10 and 20 is 30
print("The addition of 10 and 20 is 30")
print("The addition of a and b is c")
print("The addition of",a,"and",b,'is',c)
```

```
The addition of 10 and 20 is 30
The addition of a and b is c
The addition of 100 and 200 is 300
```

In [34]:
```
#Name='python'
#Age='10'
#City='Hyd'
# My name is Python , Im 10 years old and came from Hyd
name='python'
age=10
city='Hyd'
print("My name is python, Im 10 years old and I came from Hyd")
print("My name is", name,',',"Im", age, "years old and I came from",city)
```

```
My name is python, Im 10 years old and I came from Hyd
My name is python , Im 10 years old and I came from Hyd
```

**Format method**

In [37]:
```
a=10
b=20
c=a+b
# How you want to write the print
# the addition of 10, 20 is 30
print("The addition of 10,20 is 30")
print("The addition of {},{} is {}")
print("The addition of {},{} is {}".format(a,b,c))
```

```
The addition of 10,20 is 30
The addition of {},{} is {}
The addition of 10,20 is 30
```

In [41]:
```
name='python'
age=10
city='Hyd'
print("My name is python, Im 10 years old and I came from Hyd")
print("My name is {}, Im {} years old and I came from {}".format(name,age,city))
print("My name is {}, Im {} years old and I came from {}".format(city,age,name))
```

```
My name is python, Im 10 years old and I came from Hyd
My name is python, Im 10 years old and I came from Hyd
My name is Hyd, Im 10 years old and I came from python
```

In [ ]:
```
# Take two number
# add
# mul
# sub
# div
# n1=<number one>
# n2=<number two>
# add=<>
# sub=<>
# mul=<>
# div=<>
# The addition of n1 and n2 is add
# The subtraction of n1 and n2 is sub
```

In [42]:
```
n1=100
n2=200
add=n1+n2
sub=n1-n2
mul=n1*n2
div=n1/n2

print("The addition of {} and {} is {}".format(n1,n2,add))
print("The subtraction of {} and {} is {}".format(n1,n2,sub))
print("The multuplication of {} and {} is {}".format(n1,n2,mul))
print("The division of {} and {} is {}".format(n1,n2,div))
```

```
The addition of 100 and 200 is 300
The subtraction of 100 and 200 is -100
The multuplication of 100 and 200 is 20000
The division of 100 and 200 is 0.5
```

**F-string method**

In [50]:
```
a=10
b=20
c=a+b
# How you want to write the print
# the addition of 10, 20 is 30
print("The addition of 10,20 is 30")
print("The addition of {},{} is {}")
print("The addition of {a},{b} is {c}")
print(f"The addition of {a},{b} is {c}")
```

```
The addition of 10,20 is 30
The addition of {},{} is {}
The addition of {a},{b} is {c}
The addition of 10,20 is 30
```

In [52]:
```
name='python'
age=10
city='Hyd'
print("My name is python, Im 10 years old and I came from Hyd")
print("My name is", name,',',"Im", age, "years old and I came from",city)
print("My name is {}, Im {} years old and I came from {}".format(name,age,city))
print(f"My name is {name}, Im {age} years old and I came from {city}")
```

```
My name is python, Im 10 years old and I came from Hyd
My name is python , Im 10 years old and I came from Hyd
My name is python, Im 10 years old and I came from Hyd
My name is python, Im 10 years old and I came from Hyd
```

In [53]:
```
n1=100
n2=200
add=n1+n2
sub=n1-n2
mul=n1*n2
div=n1/n2

print(f"The addition of {n1} and {n2} is {add}")
print(f"The subtraction of {n1} and {n2} is {sub}")
print(f"The multuplication of {n1} and {n2} is {mul}")
print(f"The division of {n1} and {n2} is {div}")
# The addition is add,The subtraction is sub,The multiplication mul, the divisio
```

```
The addition of 100 and 200 is 300
The subtraction of 100 and 200 is -100
The multuplication of 100 and 200 is 20000
The division of 100 and 200 is 0.5
```

In [54]:
```
print(f"The addition is {add},The subtraction is {sub},The multiplication {mul},
```

```
The addition is 300,The subtraction is -100,The multiplication 20000, the divisio
n is 0.5
```

**end**

In [55]:
```
print(10)
print(20)

# Using two print statements
# we need to write 10,20
```

```
10
20
```

In [56]:
```
print(10,20)
```

```
10 20
```

In [64]:
```
print(10,end='')
print(20)
```

```
1020
```

In [65]:
```
print(10,end='-->')
print(20)
```

```
10-->20
```

In [69]:
```
print(10,end='-->')
print(20,end='-->')
print(30)
```

```
10-->20-->30
```

**Sep**

In [76]:
```
# using one print statement
# 10-->20-->30
# print(10,'-->',20,'-->')

# Sepearting the all values inside print statements
```

```
print(10,20,30,sep='-->')
print(10,20,30,sep='*')
```

```
10-->20-->30
10*20*30
```

In [78]:
```
# 10+20=30
print(10,end='+')
print(20,end='=')
print(30,'.',sep='')
```

```
10+20=30.
```

In [80]:
```
print(10,20,sep='+',end='=')
print(30)
```

```
10+20=30
```

- Format method
- F string method
- sep
- end

In [84]:
```
name='vicky'
print("my name is vicky")
print("my name is {}".format(name))
```

```
my name is vicky
my name is vicky
```

In [85]:
```
# Sepearting the all values inside print statement
# end will join the multiple print statement values
print(10,end=' ')
print(20)
```

```
10 20
```

In [87]:
```
print(10,20,sep='Vicky')
```

```
10Vicky20
```

In [ ]:
```

```