In [1]:
```
print(10)
```

```
10
```

In [2]:
```
print('python')
```

```
python
```

In [3]:
```
print(10,20,30)
```

```
10 20 30
```

In [4]:
```
print(10,10.5,'Naresh IT',True)
```

```
10 10.5 Naresh IT True
```

In [6]:
```
n1=10
n2=20
print(n1,n2)
```

```
10 20
```

In [9]:
```
print(10),print(20) # Good
```

```
10
20
```

Out[9]: (None, None)

In [11]:
```
print(10,20,30)
print(10),print(20)

# None: No value
```

```
10 20 30
10
20
```

Out[11]: (None, None)

In [12]:
```
n1=10
n1
```

Out[12]: 10

In [13]:
```
print(10)
print(20)
```

```
10
20
```

In [14]:
```
print(10,20)
```

```
10 20
```

In [15]:
```
print(10),print(20)
```

```
10
20
```

Out[15]: (None, None)

In [16]:
```
10,20
```

Out[16]: (10, 20)

In [17]:
```
n1=10
n2=20
n1,n2
```

Out[17]: (10, 20)

In [23]:
```
a=100
b=200
c=a+b
# 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)
```

```
the addition of 10 and 20 is 30
the addition of 100 and 200 is 300
```

format

In [24]:
```
a=100
b=200
c=a+b
print("the addition of {} and {} is {}".format(a,b,c))
```

```
the addition of 100 and 200 is 300
```

In [29]:
```
# read your name
# read your age
# read your city
# My name is python, Im 10 years old Im from hyderabad
name='python'
age=10
city='hyd'
print("my name is {},im {} years old and Im from {}".format(city,age,name))
```

```
my name is hyd,im 10 years old and Im from python
```

In [33]:
```
# employee name
# employee role
# company

name='Omkar'
role='DS'
company='Google'
print("my name is {}, I want to become {} in {} Company".format(name,role,compan
```

```
my name is Omkar, I want to become DS in Google Company
```

f string

In [38]:
```
a=100
b=200
c=a+b
print(f"the addition of {a} and {b} is {c}")
```

```
the addition of 100 and 200 is 300
```

In [40]:
```
name='python'
age=10
```

```
city='hyd'
print(f"my name is {name},im {age} years old and Im from {city}")
```

```
my name is python,im 10 years old and Im from hyd
```

In [42]:
```
name='Omkar'
role='DS'
company='Google'
print(f"my name is {name}, I want to become {role} in {company} Company")
```

```
my name is Omkar, I want to become DS in Google Company
```

In [5]:
```
num1=100
num2=200
average=(num1+num2)/2
# the avergae of 100 and 200 is: 150
print("the avergae of {} and {} is: {}".format(num1,num2,average))
print(f"the avergae of {num1} and {num2} is: {average}")
```

```
the avergae of 100 and 200 is: 150.0
the avergae of 100 and 200 is: 150.0
```

In [8]:
```
num1=100
num2=200
average=(num1=num2)/2
# the avergae of 100 and 200 is: 150
print("the avergae of {} and {} is: {}".format(num1,num2,average))
print(f"the avergae of {num1} and {num2} is: {average}")
```

```
  Cell In[8], line 3
    average=(num1=num2)/2
                 ^
SyntaxError: invalid syntax. Maybe you meant '==' or ':=' instead of '='?
```

In [7]:
```
(10+2)/2
10+2/2

# BODMAS
```

Out[7]:
```
11.0
```

In [10]:
```
# take the radius of circle
# take the pi value=3.14
# Find the area of the circle = pi*r*r

radius=10
pi_value=3.14
area=pi_value*radius*radius
print("The area of circle is:{}".format(area))
print(f"The area of circle is:{area}")
```

```
The area of circle is:314.0
The area of circle is:314.0
```

- format spelling
- brackets are not providing
- . you are keeping ,

- for getting the quotes also

In [11]:
```
# take the base of traingle
# take the height of the traingle
# area of the traingle=1/2*base*height
base=10
height=20
area=0.5*base*height
print(f"the area of traingle is: {area}")
```

```
the area of traingle is: 100.0
```

In [12]:
```
# take the bill_amount =1000
# take the tip_percentage =10
# calculate tip_amount
# calculate the total bill
# print the total bill
bill_amount=1000
tip_percentage=10    # M-1
tip_amount=bill_amount*tip_percentage/100
total_bill=bill_amount+tip_amount
print(f"the total bill is: {total_bill}")
```

```
the total bill is: 1100.0
```

In [13]:
```
print(10)
print(20)
```

```
10
20
```

In [14]:
```
print(10,20)
```

```
10 20
```

end

- combining multiple print statements in a single line

In [21]:
```
print(10,end=' ')
print(20)
```

```
10 20
```

In [25]:
```
print(10,end=',')
print(20,end='&')
print(30)
```

```
10,20&30
```

sep

- Seperate the multiple values in a single print statement

In [28]:
```
print(10,20,30,sep='&')

# 10 & 20 & 30
```

```
10&20&30
```

In [29]:
```
print(10,20,30,sep='--->')
```

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

In [31]:
```
print(f"the addition of {5} and {3} is {5+3}.")
```

```
the addition of 5 and 3 is 8.
```

In [32]:
```
print("the addition of {} and {} is {}.".format(5,3,5+3))
```

```
the addition of 5 and 3 is 8.
```

In [38]:
```
print('the addition of 5 and 3 is 8','.',sep='')
```

```
the addition of 5 and 3 is 8.
```

In [ ]:
```

```