19TH JUNE 2025

In [2]:
```
i=32
i
```

Out[2]: 32

In [3]:
```
type(i)
```

Out[3]: int

In [4]:
```
f=111.32
f
```

Out[4]: 111.32

In [5]:
```
type(f)
```

Out[5]: float

In [6]:
```
f1=1e0
f1
```

Out[6]: 1.0

In [7]:
```
f2=1e1
f2
```

Out[7]: 10.0

In [8]:
```
f3=1e2
f3
```

Out[8]: 100.0

In [9]:
```
f4=1e3
f4
```

Out[9]: 1000.0

In [10]:
```
f5=1E3
f5
```

Out[10]: 1000.0

In [11]:
```
a=10
b=20
```

In [15]:
```
a+b
a-b
a*b
a/b
```

Out[15]: 0.5

In [19]:
```
print(a+b)
print(a-b)
print(a*b)
print(a/b)
```

```
30
-10
200
0.5
```

In [21]:
```
num1=20
num2=30
add=num1+num2
print('The addition of',num1,'and',num2,'is',add)
print('The addition of two numbers:',num1,'+',num2,'=',add)
```

```
The addition of 20 and 30 is 50
The addition of two numbers: 20 + 30 = 50
```

In [23]:
```
name='python'
age=15
city='hyderabad'
print('My name is',name,'I am',age,'years old and I am from',city)
```

```
My name is python I am 15 years old and I am from hyderabad
```

In [26]:
```
num1=10
num2=20
add=num1+num2
print('The addition of {} and {} is {}'.format(num1,num2,add))
```

```
The addition of 10 and 20 is 30
```

In [27]:
```
num1=10
num2=20
num3=30
add=num1+num2+num3
print('The addition of {}, {} and {} is {}'.format(num1,num2,num3,add))
```

```
The addition of 10, 20 and 30 is 60
```

In [28]:
```
c=1+2j
c
```

Out[28]: (1+2j)

In [29]:
```
type(c)
```

Out[29]: complex

In [30]:
```
c.real
```

Out[30]: 1.0

In [31]:
```
c.imag
```

Out[31]: 2.0

In [32]:
```
c=5+10j
d=10+20j
print(c+d)
print(c-d)
```

```
(15+30j)
(-5-10j)
```

In [33]:
```
def team():
    print('hello')
team()
```

```
hello
```

In [34]:
```
b=True
b
```

Out[34]: True

In [35]:
```
b1=False
b1
```

Out[35]: False

In [36]:
```
True +True
```

Out[36]: 2

In [37]:
```
int(True)
```

Out[37]: 1

In [38]:
```
int(False)
```

Out[38]: 0

In [39]:
```
True-False
```

Out[39]: 1

In [40]:
```
False-True
```

Out[40]: -1

In [41]:
```
True -True*False+1
```

Out[41]: 2

In [2]:
```
num1=27
num2=35
num3=41
avg=(num1+num2+num3)/3
avg1=round(avg,2)
print('Average of {}, {} and {} is {} or {}'.format(num1,num2,num3,avg,avg1))
```

```
Average of 27, 35 and 41 is 34.333333333333336 or 34.33
```

In [3]:
```
num1=22
num2=33
add=num1+num2
print(f'The addition of {num1} and {num2} is {add}')
```

```
The addition of 22 and 33 is 55
```

In [4]:
```
name='python'
age=20
city='hyderabad'
print(f'My name is {name}, I am {age} years old and I am from{city}')
```

```
My name is python, I am 20 years old and I am fromhyderabad
```

In [6]:
```
num1=22
num2=33
num3=44
avg=(num1+num2+num3)/3
print(f'the average of {num1}, {num2} and {num3} is:{avg}')
```

```
the average of 22, 33 and 44 is:33.0
```

In [10]:
```
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
```

In [12]:
```
print('hello')
print('good morning')
```

```
hello
good morning
```

In [17]:
```
print('hello',end=', ')
print('good morning')
```

```
hello, good morning
```

In [19]:
```
print('hi','hello','good morning',sep='-->')
```

```
hi-->hello-->good morning
```

In [21]:
```
print(3,'.')
```

```
3 .
```

In [22]:
```
print(3,'.',sep='')
```

```
3.
```

In [23]:
```
print(1,2,end=' ')
print(3,'.',sep='')
```

```
1 2 3.
```

In [ ]:

In [ ]:

In [ ]: