In [8]:
```
y=5+4j
z=3+2j    # 3 is real part and 2 is imaginary part
```

In [9]:
```
print(int(z.real))
```

```
3
```

In [10]:
```
print(z.imag)
```

```
2.0
```

In [12]:
```
print(y+z)
```

```
(8+6j)
```

In [13]:
```
print(y-z)
```

```
(2+2j)
```

In [14]:
```
print(y*z)
```

```
(7+22j)
```

In [15]:
```
print(y/z)
```

```
(1.7692307692307692+0.15384615384615394j)
```

In [16]:
```
print(abs(z))
```

```
3.605551275463989
```

In [18]:
```
a=10
b=20
a
```

Out[18]:
```
10
```

In [19]:
```
b
```

Out[19]:
```
20
```

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

```
10
20
```

In [21]:
```
num1=20
num2=30
add=num1+num2
print(add)
```

```
50
```

print result with string

In [23]:
```
num1=20
num2=30
add=num1+num2
print("addition of",num1,"and",num2,"is",add)
```

```
addition of 20 and 30 is 50
```

In [24]:
```
name="Akshitha"
city="Nalgonda"
study="Graduated"
print("i am ",name,"and i am from",city,"i have recently",study)
```

```
i am  Akshitha and i am from Nalgonda i have recently Graduated
```

print format method

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

```
addition of 10 and 30 is= 40
```

In [32]:
```
name="akshitha"
age=21
city="nalgonda"
print("i am {} and i am {} years old from {}".format(name,age,city))
```

```
i am akshitha and i am 21 years old from nalgonda
```

f string method

In [35]:
```
num1=20
num2=30
add=num1+num2
print(f'The addition of {num1} and{num2} is= {add}')
```

```
The addition of 20 and30 is= 50
```

In [42]:
```
name="akshitha"
age=12
city="nalgonda"
print(f'my name is {name} and iam {age} old from {city}.')
```

```
my name is akshitha and iam 12 old from nalgonda.
```

In [48]:
```
# lets combine all

num1=10
num2=30
add=num1+num2
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 30 is= 40
the addition of 10 and 30 is 40
```

end statement

In [49]:
```
print("hello")
print("good morning")
```

```
hello
good morning
```

In [50]:
```
print("hello", end=" ")
print("good morning")
```

```
hello good morning
```

seperator

In [51]:
```
print("hai","hello","how are you",sep='----->')
```

```
hai----->hello----->how are you
```

In [52]:
```
print("akshitha","perumandla",sep="&")
```

```
akshitha&perumandla
```

In [ ]:
```

```