In [1]:
```
#print is use for answer
```

In [5]:
```
a = 30
b = 50
a
b
```

Out[5]: 50

In [6]:
```
a = 40
b = 60
print(a)
print(b)
```

```
40
60
```

In [4]:
```
print(10)
print(10,20)
print('Python')
print(10, 20, 'Python')
```

```
10
10 20
Python
10 20 Python
```

In [7]:
```
num1 = 30
num2 = 50
num3 = num1 + num2
print(num3)
```

```
80
```

Print Result With String

In [10]:
```
num1 = 30
num2 = 50
add = num1 + num2
print('The Addition of', num1, '&', num2, 'is', '=', add)
```

```
The Addition of 30 & 50 is = 80
```

In [13]:
```
name = 'Akash'
age = 25
city = 'Lucknow'
#Hello, my name is Akash, and I am 25 years old from Lucknow
```

In [14]:
```
print('Hello, my name is', name, 'and', 'I am', age, 'years old from', city)
```

```
Hello, my name is Python and I am 20 years old from Hyderabad
```

Print Format Method

In [16]:
```
num1 = 40
num2 = 50
add = num1 + num2
print('The Addition of {} & {} is = {}'.format(num1, num3, add))
```

```
The Addition of 40 & 80 is = 90
```

First, decide how the print statement should be Like:- The Addition of 20 and 30 is = 50 Then replace the variable position with curly braces {} Then apply .format(var1, var2,....., varn) method

In [17]:
```
name = 'Akash'
age = 25
city = 'Lucknow'
#Hello, my name is Akash, and I am 25 years old from Lucknow
```

In [18]:
```
print('Hello, my name is', name, 'and', 'I am', age, 'years old from', city)
```

```
Hello, my name is Akash and I am 25 years old from Lucknow
```

In [22]:
```
num1 = 120
num2 = 150
num3 = 325
avg = (num1 + num2 + num3) / 3
avg1 = round((num1 + num2 + num3) / 3, 2)
#Or we can use avg = round((num1 + num2 + num3) / 3, 2
#The average of num1, num2, num3 is = avg

print('The average of {}, {}, & {}, is = {} or {}'.format(num1, num2, num3, avg,
```

```
The average of 120, 150, & 325, is = 198.33333333333334 or 198.33
```

In [23]:
```
round(avg, 2)       #here we can use round(avg, 2) also
```

Out[23]:
```
198.33
```

Most Short Format method(f string method) Varibale should be in curly braces{} And write everything inside the 'Quotes' At starting simply add f

In [26]:
```
num1 = 30
num2 = 40
add = num1 + num2
print(f'The Addition of {num1} and {num2} is = {add}')      #Always prefere this
```

```
The Addition of 30 and 40 is = 70
```

In [30]:
```
name = 'Akash'
age = 25
city = 'Lucknow'
##Hello, my name is Akash, and I am 25 years old from Lucknow
print(f'Hello, my name is {name}, and I am {age} years old, from {city}.')
```

```
Hello, my name is Akash, and I am 25 years old, from Lucknow.
```

In [31]:
```
num1 = 100
num2 = 75
num3 = 375
avg = round((num1 + num2 + num3) / 3, 2)
#here we can use avg = round((num1 + num2 + num3) / 3, 2
#The average of num1, num2, num3 is = avg
print(f'The Average of {num1}, {num2}, and {num3} is = {avg}')
```

```
The Average of 100, 75, and 375 is = 183.33
```

In [34]:
```
#Late Combile All
num1 = 10
num2 = 20
add = num1 + num2
```

```
print('The Addition of', num1, '&', num2, 'is', add)
print('The Addition of {} & {} is = {}'.format(num1, num2, add))
print(f'The Addition of {num1} and {num2} is = {add}')
```

```
The Addition of 10 & 20 is 30
The Addition of 10 & 20 is = 30
The Addition of 10 and 20 is = 30
```

End Statements

In [37]:
```
print('Hello') #1st Statement
print('Good Morning') #2nd Statement
#I want print like - Hello Good Morning
```

```
Hello
Good Morning
```

Here we will use end statement that joint line from end of one string to starting of other string

In [39]:
```
print('Hello', end = '') #1st Statement
print(' World Good Day') #2nd Statement
```

```
Hello World Good Day
```

Separator

Here one print statement only we use Inside one print statement we have multiple values We want to seprate these multiple values with anything

In [41]:
```
print('Hello', 'Hii', 'How are you', sep = ' --> ')
```

```
Hello --> Hii --> How are you
```

In [42]:
```
print('Hello', 'Hii', 'How are you', sep = ' & ')
```

```
Hello & Hii & How are you
```

In [43]:
```
print('Hello', 'Hii', 'How are you', sep = ' @ ')
```

```
Hello @ Hii @ How are you
```

In [44]:
```
print('Hello', 'Hii', 'How are you', sep = ' ')
```

```
Hello Hii How are you
```

In [49]:
```
print(3,'.')   #. is far from 3, so here we will use a separate method
```

```
3 .
```

In [51]:
```
print(3, '.',  sep = '')   #see now space settled (also use to remove space betw
```

```
3.
```

In [55]:
```
print(1, 2, end = ' ')
print(3, '.', sep = '')
#Will Print 1 2 3.
```

```
1 2 3.
```

In [ ]:
```

```