

typecasting

March 16, 2025

1 Type Casting

```
[30]: a=10  
      b=20  
      a  
      b
```

```
[30]: 20
```

```
[32]: # print is used for printing the answer  
      a=10  
      b=20  
      print(a)  
      print(b)
```

```
10  
20
```

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

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

```
[38]: n1=20  
      n2=30  
      add=n1+n2  
      print(add)
```

```
50
```

2 Print result with String

```
[45]: n1=20
      n2=30
      add=n1+n2
      print('The addition of',n1,'and',n2,'is',add)
```

The addition of 20 and 30 is 50

```
[47]: name='Ram'
      age=20
      city='Ayodhya'
      # My name is Ram and I am 20 years old from Ayodhya
```

```
[49]: print('My name is',name,'and I am',age,'years ols from',city)
```

My name is Python and I am 20 years ols from hyd

2.0.1 Print Format Method

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

The addition of 20 and 30 is 50

```
[68]: name='DRD'
      age=21
      city='Vrindavan'
      # My name is Archana and I am 41 years old from Jalgaon
```

```
[70]: print("Hello, my name is {}, and I am {} years old from {}".
      ↪format(name,age,city))
```

Hello, my name is DRD, and I am 21 years old from Vrindavan

```
[78]: num1=100
      num2=25
      num3=333
      num1=20
      num2=30
      avg=(num1+num2+num3)/3
      avg1=round((num1+num2+num3)/3,2)
      print('The avrage of {}, {}, and {} is= {} or {}'.format(num1,num2,num3,
      avg,avg1))
```

The avrage of 20, 30, and 333 is= 127.66666666666667 or 127.67

```
[74]: round(avg,2)
```

```
[74]: 127.67
```

2.0.2 Short Format Method(f string method)

- variable should be in curly braces
- and write everything inside quotes ”
- at starting simply add f

```
[84]: num1=10
num2=20
add=num1+num2
print(f'The addition of {num1} and {num2} is {add}')
```

The addition of 10 and 20 is 30

```
[86]: name='DRD'
age=21
city='Vrindavan'
# My name is Archana and I am 41 years old from Jalgaon
```

```
[90]: print(f'Hello my name is {name}, and i am {age} year old, from {city}.')
```

Hello my name is DRD, and i am 21 year old, from Vrindavan.

```
[92]: num1=100
num2=25
num3=333
avg=round((num1+num2+num3)/3,2)
```

```
[94]: print(f'The avrage of {num1}, {num2} and {num3} is = {avg}')
```

The avrage of 100, 25 and 333 is = 152.67

```
[98]: 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

3 End statement

```
[101]: print('hello') # 1st statement
       print('good moorning') # 2nd statement)
```

```
hello
good moorning
```

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

```
[107]: print('hello', end=' ') # 1st statement
       print('world good day') # 2nd statement
```

```
hello world good day
```

4 Separator

```
[118]: print('Java','Python','Tableu','PowerBI')
```

```
Java Python Tableu PowerBI
```

```
[120]: print('Java','Python','Tableu','PowerBI',sep="--->")
```

```
Java--->Python--->Tableu--->PowerBI
```

```
[122]: print('Java','Python','Tableu','PowerBI',sep=" & ")
```

```
Java & Python & Tableu & PowerBI
```

```
[124]: print('Java','Python','Tableu','PowerBI',sep=" @ ", 'Hello')
```

```
Cell In[124], line 1
```

```
    print('Java','Python','Tableu','PowerBI',sep=" @ ", 'Hello')
```

```
SyntaxError: positional argument follows keyword argument
```

```
[126]: print(3, '.')
```

```
3 .
```

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

```
3.
```

```
[130]: print(1,2,end=' ')
        print(3, '.',sep='')
        # will print 1 2 3.
```

1 2 3.

[]:

[]:

[]: