

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

20

In [2]: `print(10.+10)`

20.0

In [3]: `print('amulya'+ 'arshanapelli')`

amulyaarshanapelli

In [4]: `print(true+5)`

```
-----  
NameError                                Traceback (most recent call last)  
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_22572\1627469047.py in <module>  
----> 1 print(true+5)  
  
NameError: name 'true' is not defined
```

In [5]: `print(True+10)`

11

In [6]: `print(True+True)`

2

In [7]: `print(True+False)`

1

In [8]: `print(False+False)`

0

In [9]: `print(False+10)`

10

```
In [10]: print(10+'amulya')
```

```
-----  
TypeError                                Traceback (most recent call last)  
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_22572\1422271386.py in <module>  
----> 1 print(10+'amulya')
```

TypeError: unsupported operand type(s) for +: 'int' and 'str'

```
In [11]: print(10.5+'amulya')
```

```
-----  
TypeError                                Traceback (most recent call last)  
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_22572\3425309819.py in <module>  
----> 1 print(10.5+'amulya')
```

TypeError: unsupported operand type(s) for +: 'float' and 'str'

```
In [12]: print(True+'amulya')
```

```
-----  
TypeError                                Traceback (most recent call last)  
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_22572\1196751755.py in <module>  
----> 1 print(True+'amulya')
```

TypeError: unsupported operand type(s) for +: 'bool' and 'str'

```
In [15]: a=10  
        b=20  
        print("before swapping:",a,b)  
        a,b=b,a  
        print("after swapping:",a,b)
```

before swapping: 10 20
after swapping: 20 10

```
In [16]: a=10  
        print(a)  
        a=100  
        print(a)
```

10
100

```
In [19]: a=10
print(a)
del a
print(a)
```

10

```
-----
NameError                                Traceback (most recent call last)
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_22572\4104461118.py in <module>
      2 print(a)
      3 del a
----> 4 print(a)
```

NameError: name 'a' is not defined

```
In [21]: a=10
print(a)
del a
print(a)
```

10

```
-----
NameError                                Traceback (most recent call last)
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_22572\4104461118.py in <module>
      2 print(a)
      3 del a
----> 4 print(a)
```

NameError: name 'a' is not defined

```
In [22]: num1=input("enter first number:")
num2=input("enter the second number:")
print(num1+num2)
```

enter first number:10
enter the second number:20
1020

```
In [23]: num1=int(input("enter first number:"))
num2=int(input("enter second number:"))
print(num1+num2)
```

enter first number:10
enter second number:20
30

num1=input("enter first number:") num2=input("enter second number:") print(int(num1)+int(num2))

```
In [24]: num1=input("enter first number:")
num2=input("enter second number:")
print(int(num1)+int(num2))
```

```
enter first number:10
enter second number:20
30
```

```
num1=input("enter first number:") num2=input("enter second number:")
print(int(num1)+float(num2))
```

```
In [2]: num1=input("enter first number:")
num2=input("enter second number:")
#print(int(num1)+float(num2))
print(int(num1)+float(num2))
```

```
enter first number:10.5
enter second number:10.5
```

```
-----
ValueError                                Traceback (most recent call last)
C:\Users\AMULYA~1\AppData\Local\Temp\ipykernel_7040\3038828900.py in <module>
      2 num2=input("enter second number:")
      3 #print(int(num1)+float(num2))
----> 4 print(int(num1)+float(num2))

ValueError: invalid literal for int() with base 10: '10.5'
```

```
In [7]: name='amulya'
age=21
sal=25000.25
print(name,age,sal)
print("name is:",name)
print("age is:",age)
print("sal is:",sal)
print("name:%s age:%d sal:%f"%(name,age,sal))
print("name:{0} age:{1} sal:{2}".format(name,age,sal))
```

```
amulya 21 25000.25
name is: amulya
age is: 21
sal is: 25000.25
name:amulya age:21 sal:25000.250000
name:amulya age:21 sal:25000.25
```

```
In [ ]:
```

