

```
x=10
```

```
x=10
y=3.14
name='john'
print(x,y,name +' all are happy'+ ' all are good')
```

```
10 3.14 john all are happy all are good
```

```
name=input('enter student name:')
print('hello'+ 'my name is preritha')
studentname=preritha
```

```
enter student name:preritha
hellomy name is preritha
```

```
-----
-----
NameError                                Traceback (most recent call
last)
<ipython-input-10-6b03130d95d2> in <cell line: 3>()
      1 name=input('enter student name:')
      2 print('hello'+ 'my name is preritha')
----> 3 studentname=preritha

NameError: name 'preritha' is not defined
```

add two numbers

```
print('add two numbers')
a=input()
b=input()
a+b
```

```
add two numbers
3
4
```

```
{"type": "string"}
```

area of circle

```
radius=float(input('enter the radius:'))
pi=3.14
area = pi * radius **2
radius=4
```

```
print('the area of circle is' , area)
```

```
enter the radius:30  
the area of circle is 2826.0
```

arithmetic program

```
a=int(input('enter the number:'))  
b=int(input('enter the number:'))  
print(a+b)  
print(a-b)  
print(a*b)  
print(a/b)  
print(a%b)  
print(a**b)
```

```
enter the number:30  
enter the number:2  
32  
28  
60  
15.0  
0  
900
```

```
celsius=float(input('enter temperature in celsius'))  
fahrenheit=(celsius*9/5)+32  
print('temperature in fahrenheit',fahrenheit)
```

```
enter temperature in celsius23  
temperature in fahrenheit 73.4
```