In [ ]:
```
#input function reads as string
```

In [26]:
```
x1= input('enter the first no')
y1=input('enter the 2nd no')
z1=x1+y1
print(z1)
```

```
68
```

In [27]:
```
type(x1)
```

Out[27]: str

In [28]:
```
type(y1)
```

Out[28]: str

In [30]:
```
x1= int(input('enter the first no'))    # to integer
y1=int(input('enter the 2nd no'))
z1=x1+y1
print(z1)
print(type(x1))
print(type(y1))
```

```
9
<class 'int'>
<class 'int'>
```

In [5]:
```
x2= input('user name')
y2=input('password')
z2= x2+y2
print(z2)
```

```
aruna23344
```

In [ ]:
```
#indexing and slicing in input()
```

In [22]:
```
st= input('enter strin')
print(st)
```

```
hello
```

In [8]:
```
# indexing in input fuction
st= input('enter str') [1]
print(st)
```

```
e
```

In [11]:
```
st= input('enter str') [5:8]
print(st)
```

```
hit
```

In [12]:
```
rsult=int(input('enter expression'))    # expression cannot be evaluated
print(result)
```

```
---------------------------------------------------------------------------
ValueError                                Traceback (most recent call last)
Cell In[12], line 1
----> 1 rsult=int(input('enter expression'))
      2 print(result)

ValueError: invalid literal for int() with base 10: '2+3-4'
```

In [13]:
```
# EVAL function
```

In [15]:
```
result= eval(input('enter expr'))
print(result)
```

```
6
```

In [17]:
```
pip install numpy
```

```
Requirement already satisfied: numpy in /opt/anaconda3/lib/python3.13/site-packages (2.1.3)
Note: you may need to restart the kernel to use updated packages.
```

In [21]:
```
import numpy as np

np.__version__
```

Out[21]:
```
'2.1.3'
```

In [31]:
```
# input from the user in charater form
```

In [32]:
```
ch=input('enter a char')
print(ch)
```

```
hello world
```

In [34]:
```
print('ch 0:',ch[0])
print('ch 7:',ch[7])
print('ch -1:',ch[-1])
```

```
ch 0: h
ch 7: o
ch -1: d
```

In [40]:
```
ch=input('enter char') [1:3]
print(ch)
```

```
ro
```

In [41]:
```
ch=input('enter char:')
print(ch)
```

2−5−4+45

In [ ]: