```python
num1=input("Enter first number: ")
num2=input("Enter second number: ")
operator=input("Enter operator (+, -, *, /): ")
if operator=='+':
    result=float(num1)+float(num2)
elif operator=='-':
    result=float(num1)-float(num2)
elif operator=='*':
    result=float(num1)*float(num2)
elif operator=='/':
    if float(num2)==0:
        result="Error: Division by zero"
    else:
        result=float(num1)/float(num2)
else:
    result="Invalid operator"
print("The result is:", result)
```

D: > DS_AI_Internship > src > Day2 > 🐍 day2_user_input.py > [∅] name

```python
name=input("Enter your name: ")
age=input("Enter your age: ")
print("Hello, " + name + " Welcome!")

message = f"My name is {name} and I am {age} years old."
print(message)

num1=10.5
res=complex(num1)
print("The complex number is:", res)
```

```python
age=21
height=5.8
name="Bhavish"
is_student=True
print(type(age))
print(type(height))
print(type(name))
print(type(is_student))
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   QUERY RESULTS

```
PS D:\DS_AI_Internship\src\Day2> & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-pyth
on.debugpy-2025.10.0-win32-x64\bundled\libs\debugpy\launcher' '64755' '--' 'D:\DS_AI_Internship\src\Day2\day2_datatype.py'
<class 'int'>
<class 'float'>
<class 'str'>
<class 'bool'>
```

```python
a=input("Enter a number: ")
print("You entered:", a)
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   QUERY RESULTS

```
PS D:\DS_AI_Internship\src\Day2> & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-pyth
on.debugpy-2025.10.0-win32-x64\bundled\libs\debugpy\launcher' '64755' '--' 'D:\DS_AI_Internship\src\Day2\day2_datatype.py'
<class 'bool'>
PS D:\DS_AI_Internship\src\Day2> d:; cd 'd:\DS_AI_Internship\src\Day2'; & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe'
'c:\Users\HP\.vscode\extensions\ms-python.debugpy-2025.10.0-win32-x64\bundled\libs\debugpy\launcher' '51832' '--' 'D:\DS_AI_Internship\src\D
ay2\day2_input.py'
Enter a number: 20
You entered: 20
```

```python
name = input("Enter your name: ")
current_age = input("Enter your current age: ")
current_age = int(current_age)
age_in_2030 = current_age + 4
print(f"Hey {name}, you will be {age_in_2030} years old in 2030!")
```

day2_Bill_Splitter.py > total_bill

```python
total_bill = float(input("Enter the total bill amount: "))
people = int(input("Enter the number of people: "))
share_per_person = total_bill / people
print(f"Total Bill: {total_bill}. Each person pays: {share_per_person}")
print(type(total_bill))
print(type(people))
print(type(share_per_person))
```

```python
item_name = "Laptop"
quantity = 2
price = 499.99
in_stock = True
print("Item:", item_name, ", Qty:", quantity, ", Price:", price, ", Available:", in_stock)
total_cost = quantity * price
print("Total Cost:", total_cost)
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   QUERY RESULTS

```
PS D:\DS_AI_Internship\src>  d:; cd 'd:\DS_AI_Internship\src'; & 'c:\Users\HP\AppData\Local\Programs\Python\Python3
10\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher'
 '56301' '--' 'D:\DS_AI_Internship\src\day2_Raw_Data.py' …
PS D:\DS_AI_Internship\src>  d:; cd 'd:\DS_AI_Internship\src'; & 'c:\Users\HP\AppData\Local\Programs\Python\Python3
10\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher'
 '56321' '--' 'D:\DS_AI_Internship\src\day2_Raw_Data.py'
Item: Laptop , Qty: 2 , Price: 499.99 , Available: True
Total Cost: 999.98
```