

```

❷ day2_calculator.py > ...
1 num1=input("Enter first number: ")
2 num2=input("Enter second number: ")
3 operator=input("Enter operator (+, -, *, /): ")
4 if operator=='+':
5     result=float(num1)+float(num2)
6 elif operator=='-':
7     result=float(num1)-float(num2)
8 elif operator=='*':
9     result=float(num1)*float(num2)
10 elif operator=='/':
11     if float(num2)==0:
12         result="Error: Division by zero"
13     else:
14         result=float(num1)/float(num2)
15 else:
16     result="Invalid operator"
17 print("The result is:", result)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

Python Debug Console +

```

... \vscode\extensions\ms-python.debugpy\2025.18.0-win32-x64\bundled\libs\debugpy\launcher' ... D:\DS_AI_Internship\src\fundamentals.py' ...
PS D:\DS_AI_Internship\src> d:; cd 'd:\DS_AI_Internship\src'; & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\HP\vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '52262' '--' 'D:\DS_AI_Internship\src\fundamentals.py'
Enter first number: 20
Enter second number: 10
Enter operator (+, -, *, /): /
The result is: 20

```

```

D: > DS_AI_Internship > src > Day2 > day2_user_input.py > [e] name
1 name=input("Enter your name: ")
2 age=input("Enter your age: ")
3 print("Hello, " + name + " Welcome!")
4
5 message = f"My name is {name} and I am {age} years old."
6 print(message)
7
8 num1=10.5
9 res=complex(num1)
10 print("The complex number is:", res)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

Python Debug Console + ▾ [ ]

```

PS D:\DS_AI_Internship\src\Day2> d:; cd 'd:\DS_AI_Internship\src\Day2'; & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\HP\vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '54965' '--' 'D:\DS_AI_Internship\src\Day2\day2_user_input.py'
Enter your name: Bhavish
Enter your age: 22
Hello, Bhavish Welcome!
My name is Bhavish and I am 22 years old.
The complex number is: (10.5+0j)

```

```
D:\DS_AI_Internship>src>Day2> day2_datatype.py > age
1 age=21
2 height=5.8
3 name="Bhavish"
4 is_student=True
5 print(type(age))
6 print(type(height))
7 print(type(name))
8 print(type(is_student))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS Python Debug Console + × ⌂ ⌂ ⌂ ⌂ ⌂ ⌂ ×
● PS D:\DS_AI_Internship\src\Day2> & 'c:\Users\VHP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\VHP\vscode\extensions\ms-python.on.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '64755' '--' 'D:\DS_AI_Internship\src\Day2\day2_datatype.py'
<class 'int'>
<class 'float'>
<class 'str'>
<class 'bool'>

D:\DS_AI_Internship>src>Day2> day2_input.py > a
1 a=input("Enter a number: ")
2 print("You entered:", a)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS Python Debug Console + × ⌂ ⌂ ⌂ ⌂ ⌂ ⌂ ×
PS D:\DS_AI_Internship\src\Day2> & 'c:\Users\VHP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\VHP\vscode\extensions\ms-python.on.debugpy-2025.18.0-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\VHP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\VHP\vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\Launcher' '53832' '--' 'D:\DS_AI_Internship\src\Day2\day2_input.py'
Enter a number: 20
You entered: 20
```

```
day2_age_in_2030.py > ...
1 name = input("Enter your name: ")
2 current_age = input("Enter your current age: ")
3 current_age = int(current_age)
4 age_in_2030 = current_age + 4
5 print(f"Hey {name}, you will be {age_in_2030} years old in 2030!")
6
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

```
PS D:\DS_AI_Internship\src> & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '52148' '--' 'D:\DS_AI_Internship\src\day2_age_in_2030.py'
Enter your name: Bhavish
Enter your current age: 22
Hey Bhavish, you will be 26 years old in 2030!
```

```
day2_Bill_Splitter.py > [?] total_bill
1 total_bill = float(input("Enter the total bill amount: "))
2 people = int(input("Enter the number of people: "))
3 share_per_person = total_bill / people
4 print(f"Total Bill: {total_bill}. Each person pays: {share_per_person}")
5 print(type(total_bill))
6 print(type(people))
7 print(type(share_per_person))
8
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

```
\src\day2_age_in_2030.py
PS D:\DS_AI_Internship\src> d;; cd 'd:\DS_AI_Internship\src'; & 'c:\Users\HP\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\HP\.vscode\extensions\ms-python.debugpy-2025.18.0-win32-x64\bundled\libs\debugpy\launcher' '53390' '--' 'D:\DS_AI_Internship\src\day2_Bill_Splitter.py'
Enter the total bill amount: 1500
Enter the number of people: 4
Total Bill: 1500.0. Each person pays: 375.0
<class 'float'>
<class 'int'>
<class 'float'>
```

```
day2_Raw_Data.py > [?] item_name
1 item_name = "Laptop"
2 quantity = 2
3 price = 499.99
4 in_stock = True
5 print("Item:", item_name, ", Qty:", quantity, ", Price:", price, ", Available:", in_stock)
6 total_cost = quantity * price
7 print("Total Cost:", total_cost)
8
```

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\Python310\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\Python310\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
```