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## 1 Basic input () (Text)

```
name = input("Enter your name: ")
print(name)
```

### ◆ What happens?

- . Takes text from user
- . Stores it in name
- . Prints it

 If user types: Mayank

 Output: Mayank

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## 2 Input + Message

```
name = input("Enter your name: ")
print("Hello", name)
```

 Output:

# Hello Mayank

---

## 3 Input Number (IMPORTANT )

By default, `input ()` takes string, so convert it.

```
age = int(input("Enter your age:
"))
print(age)
```

 User types: 14

 Output: 14

---

## 4 Input + Calculation

```
a = int(input("Enter first
number: "))
b = int(input("Enter second
number: "))

print(a + b)
```

 **Input:**

5

3

 **Output:**

8

---

## 5 Input Float Value

```
price = float(input("Enter  
price: "))  
print(price)
```

 **Input: 99.5**

 **Output: 99.5**

---

## 6 Input Two Values (Simple Way)

```
name = input("Enter name: ")  
age = input("Enter age: ")  
  
print(name, age)
```

---

## 7 Input Without Message

```
x = input()  
print(x)
```

 Input: Hello

 Output: Hello

---

## 8 Input + Type Check

```
x = input("Enter something: ")  
print(type(x))
```

 Output:

```
<class 'str'>
```

---

## 9 Add Two Numbers (Wrong Way **X**)

```
a = input("Enter number: ")  
b = input("Enter number: ")  
print(a +
```

b)

 **Input: 5 and 3**

 **Output: 53 ✗ (string join)**

---

**10** Add Two Numbers (Correct Way ✓)

```
a = int(input("Enter number: "))  
b = int(input("Enter number: "))  
print(a + b)
```

 **Output: 8 ✓**

---

**One-Line Summary**

| <b>Code</b>                 | <b>Meaning</b>       |
|-----------------------------|----------------------|
| <code>input()</code>        | <b>Takes input</b>   |
| <code>int(input())</code>   | <b>Takes integer</b> |
| <code>float(input())</code> | <b>Takes decimal</b> |
| <code>print()</code>        | <b>Shows output</b>  |

---

## **Example 1: Just take input**

```
x = input()  
print(x)
```

☞ Input: Hello

☞ Output: Hello

---

## **□ Example 2: Name input**

```
name = input("Name: ")  
print(name)
```

☞ Input: Mayank

☞ Output: Mayank

---

## **□ Example 3: Say Hi**

```
name = input("Enter name: ")  
print("Hi")
```

☞ Output:

Hi

---

#### □ **Example 4: Say Hi with name**

```
name = input("Enter name: ")
print("Hi", name)
```

↳ Output:

Hi Mayank

---

#### □ **Example 5: Take number (no math)**

```
num = input("Enter number: ")
print(num)
```

---

#### □ **Example 6: Age input**

```
age = input("Enter age: ")
print("Age is", age)
```

---

#### □ **Example 7: Two inputs**

```
a = input("Enter first: ")
b = input("Enter second: ")
print(a, b)
```

---

### □ **Example 8: Add two numbers (easy)**

```
a = int(input("Enter a: "))
b = int(input("Enter b: "))
print(a + b)
```

---

### □ **Example 9: Multiply two numbers**

```
a = int(input())
b = int(input())
print(a * b)
```

---

### □ **Example 10: Simple bill**

```
price = int(input("Price: "))
print("Total =", price)
```

---

### □ **Example 11: Print same input twice**

```
x = input("Enter word: ")
print(x)
print(x)
```

---

### □ **Example 12: Input and type**

```
x = input("Enter anything: ")
print(type(x))
```

---

### □ **Example 13: Convert string to number**

```
x = int(input("Enter number: "))
print(x)
```

---

### □ **Example 14: School marks**

```
marks = int(input("Marks: "))
print("Marks =", marks)
```

---

### □ **Example 15: One-line input + print**

```
print(input("Enter text: "))
```

---

☒ Remember this always:

- `input()` → **text**
- `int(input())` → **number**
- `float(input())` → **decimal**