# Python Input and Output Exercise

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### Exercise 1: Accept numbers from a user

Write a program to accept two numbers from the user and calculate multiplication

**Help**: [Take user input in Python](https://pynative.com/python-input-function-get-user-input/)

### Exercise 2: Display three string “Name”, “Is”, “James” as “Name\*\*Is\*\*James”

Use the print() function to format the given words in the mentioned format. Display the \*\* separator between each string.

### Exercise 3: Convert Decimal number to octal using print() output formatting

**Given**

num = 8

### Exercise 4: Display float number with 2 decimal places using print()

**Given**:

num = 458.541315

**Expected Output**:

458.54

### Exercise 5: Accept a list of 5 float numbers as an input from the user

**Expected Output**:

[78.6, 78.6, 85.3, 1.2, 3.5]

### Exercise 6: Write all content of a given file into a new file by skipping line number 5

**Given** **test.txt** file:

* line1
* line2
* line3
* line4
* line5
* line6
* line7

**Expected Output:** new\_file.txt

* line1
* line2
* line3
* line4
* line6
* line7

### Exercise 7: Accept any three string from one input() call

Write a program to take three names as input from a user in the single input() function call.

**Expected Output**

Enter three string Emma Jessa Kelly

Name1: Emma

Name2: Jessa

Name3: Kelly

### Exercise 8: Format variables using a string.format() method.

Write a program to use string.format() method to format the following three variables as per the expected output

**Given**:

totalMoney = 1000

quantity = 3

price = 450

**Expected Output**:

I have 1000 dollars so I can buy 3 football for 450.00 dollars.

### Exercise 9: Check file is empty or not

Write a program to check if the given file is empty or not

### Exercise 10: Read line number 4 from the following file

Create a test.txt file and add the below content to it.

**test.txt** file:

line1

line2

line3

line4

line5

line6

line7