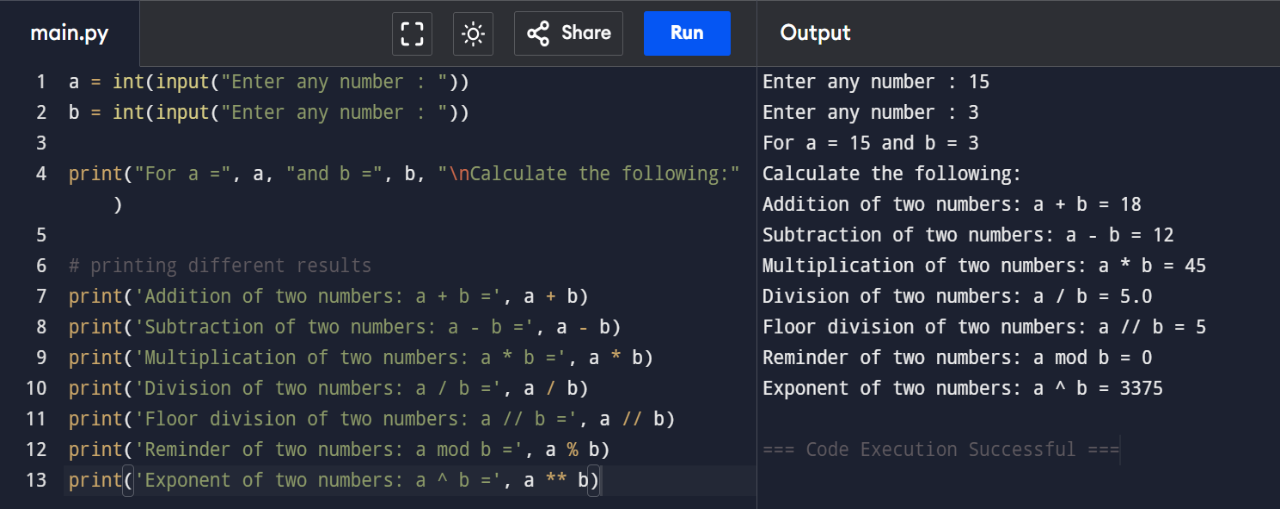
**Thumati Pavan Venkata Narendra Kumar**

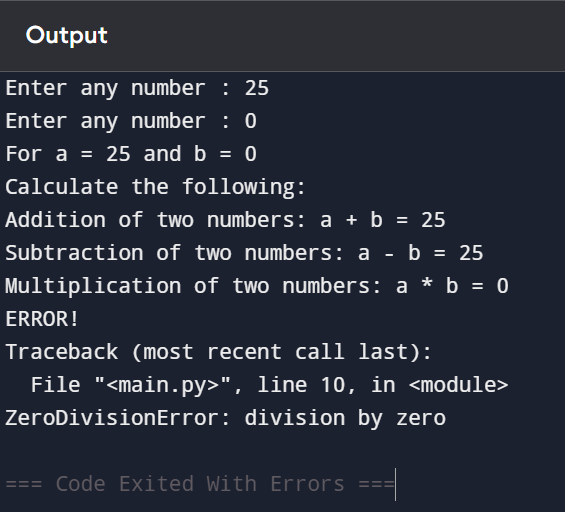
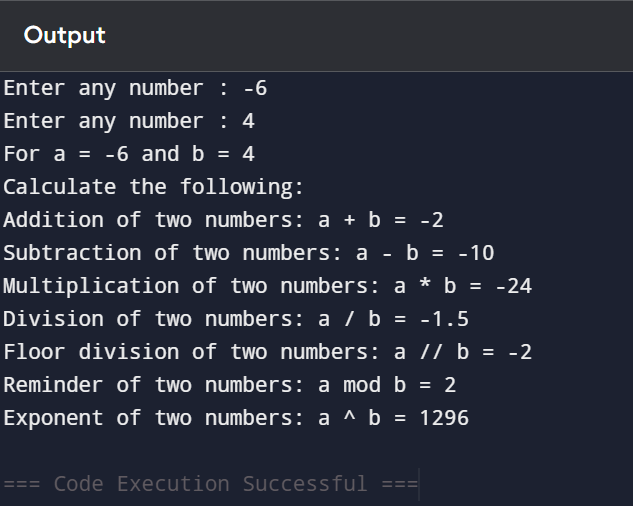
**EMP-ID-289219**

**PYTHON-BASICS-ASSIGNMENTS-1**

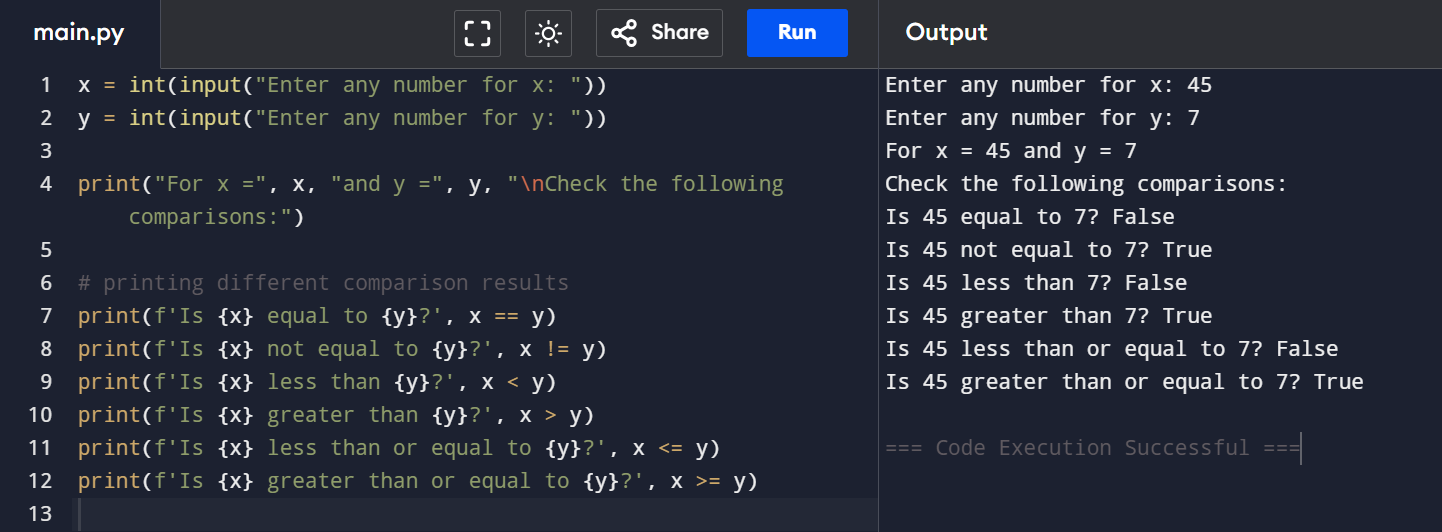
**1.Operators in python.**

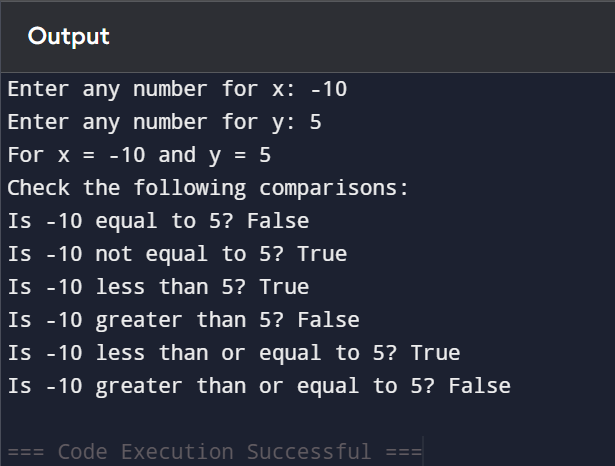
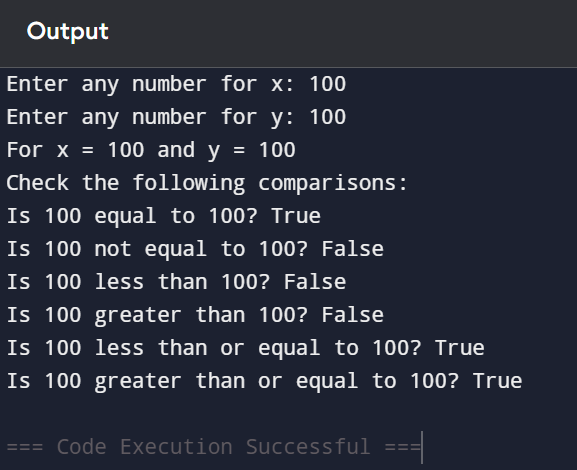
1. **Arithmetic Operators.**



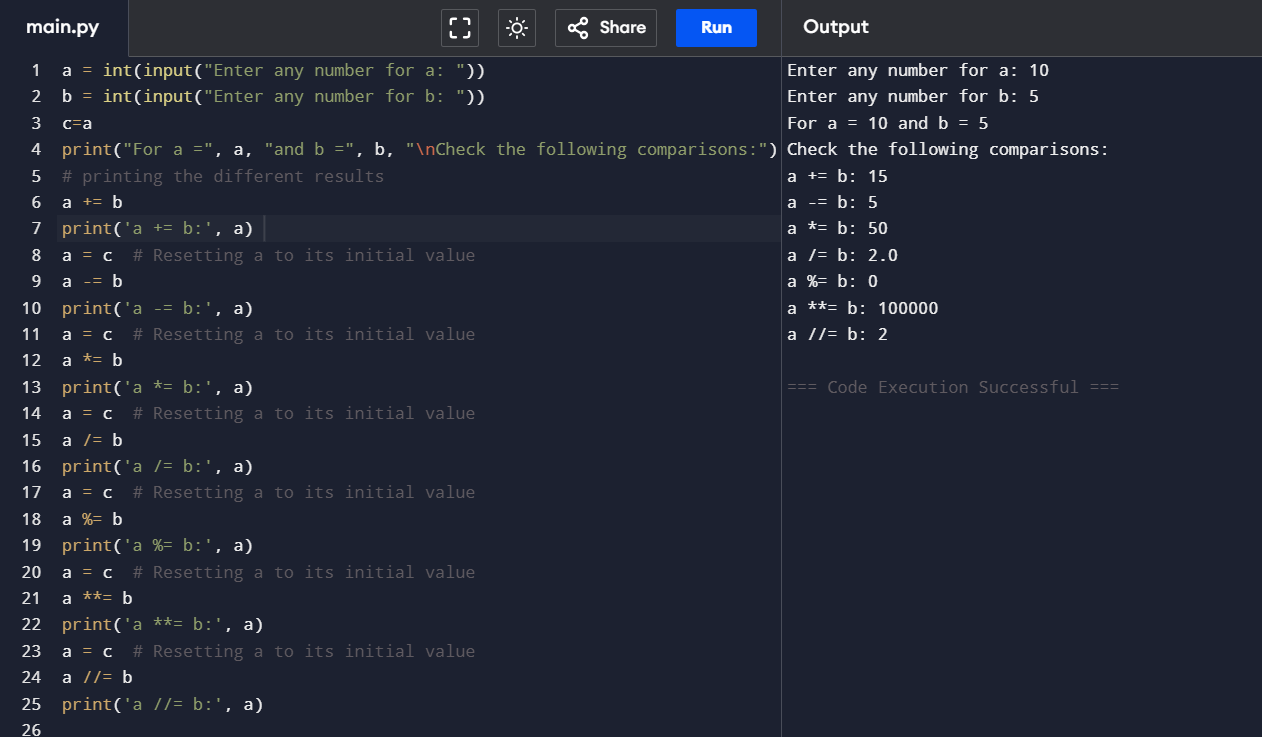
 

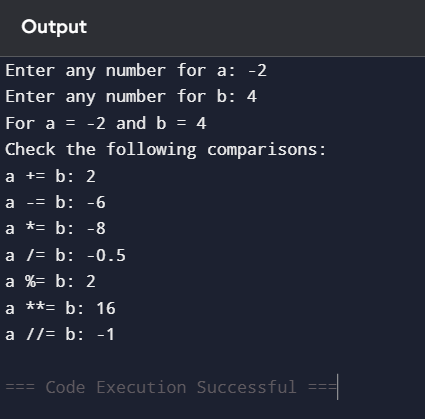
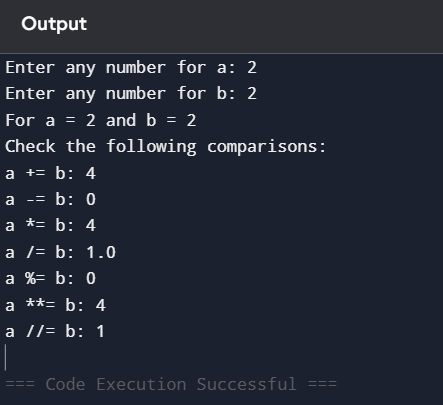
1. **Comparison Operators.**



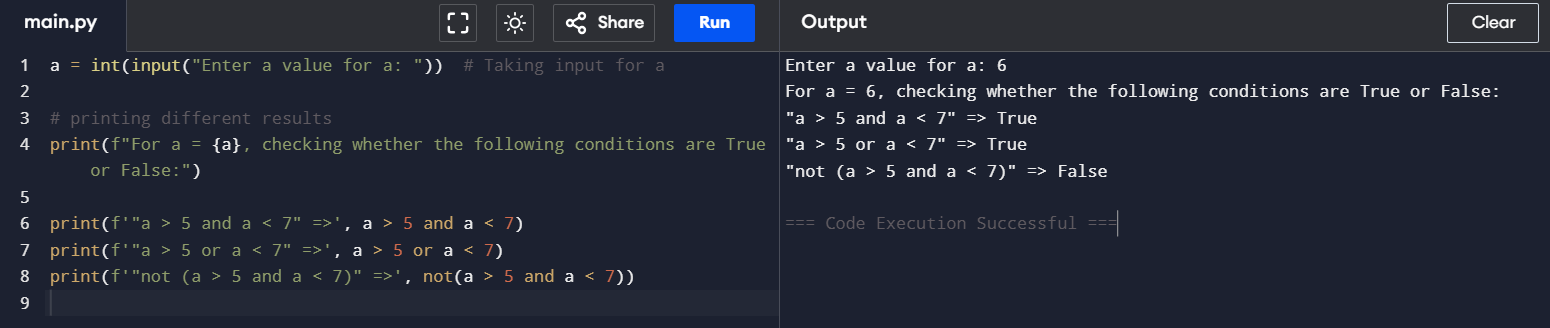
 

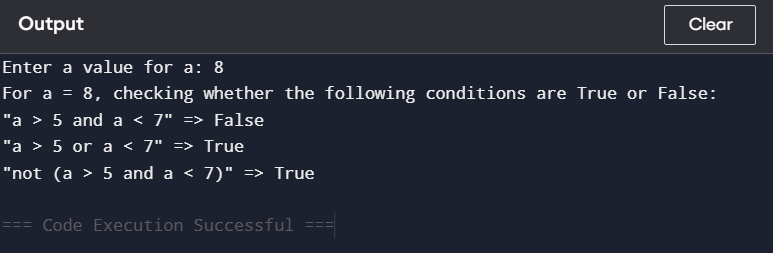
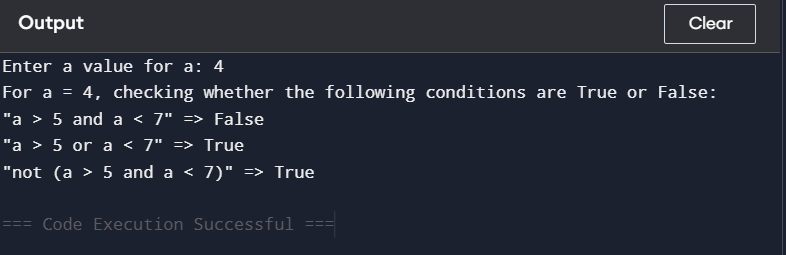
1. **Assignment Operators.**



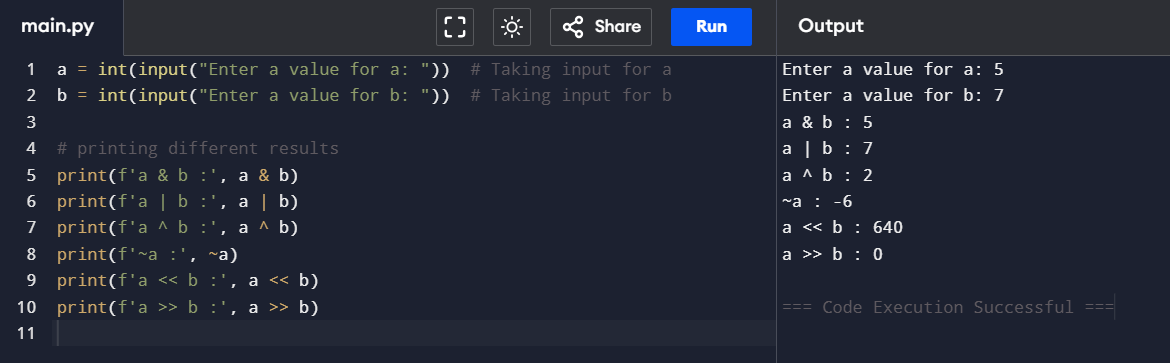
 

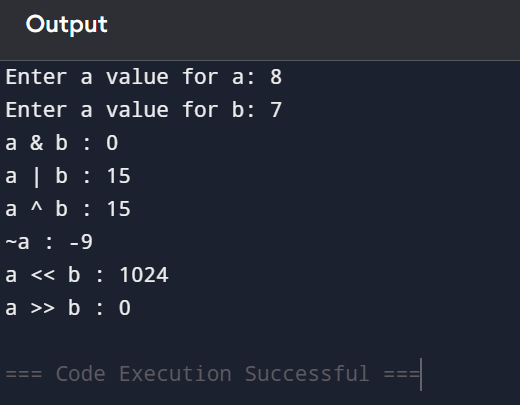
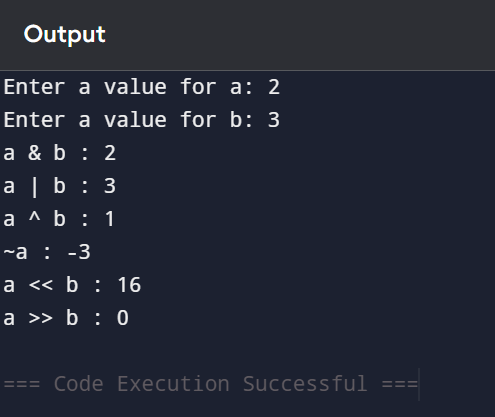
1. **Logical Operators.**



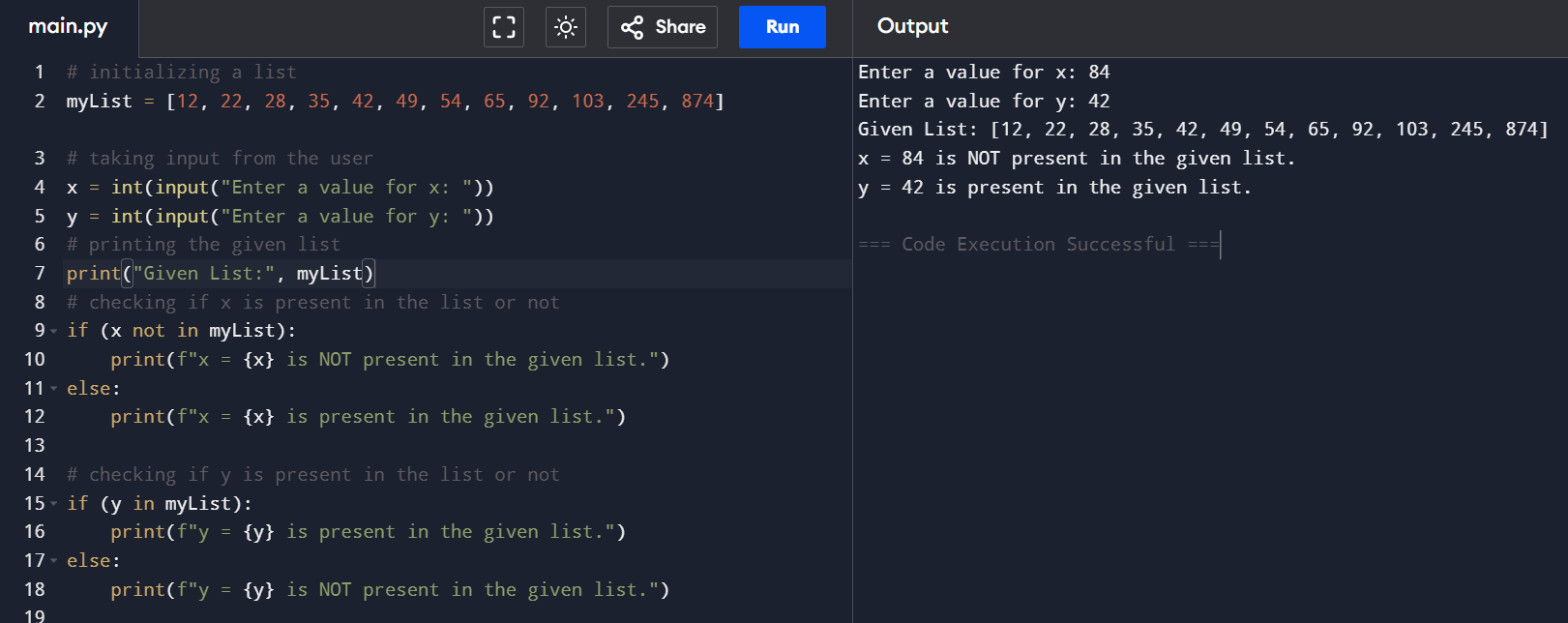
 

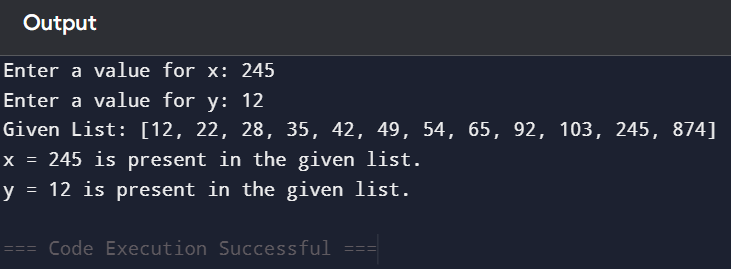
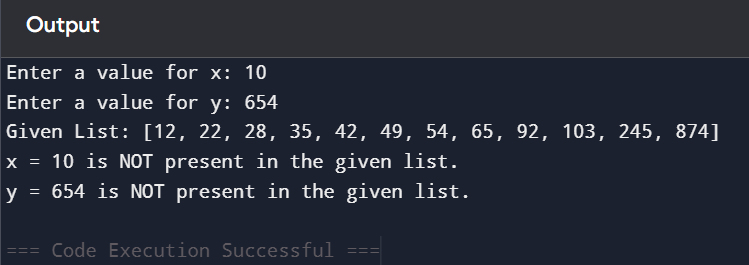
1. **Bitwise Operators.**



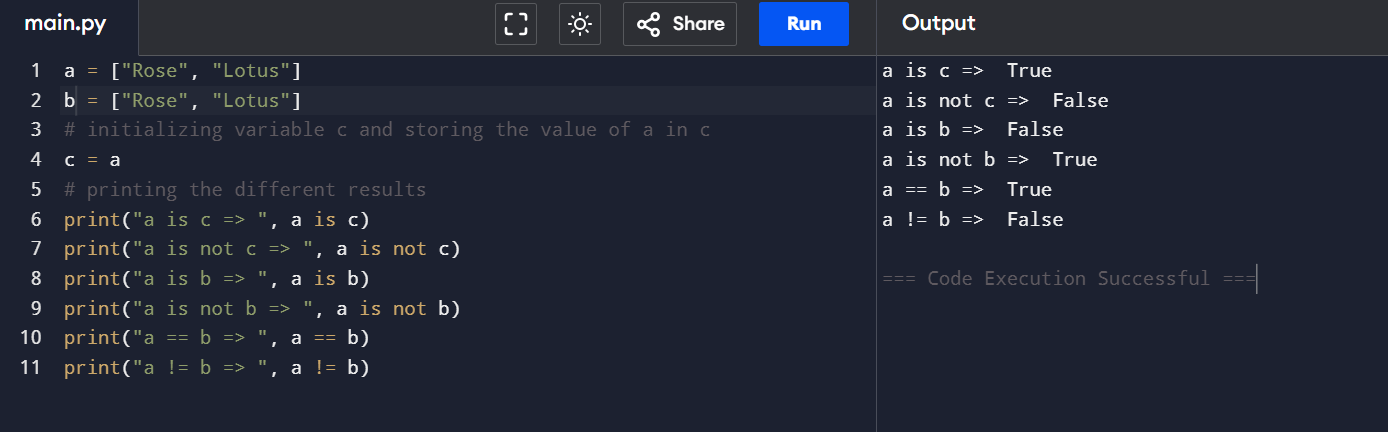
 

1. **Membership Operators.**



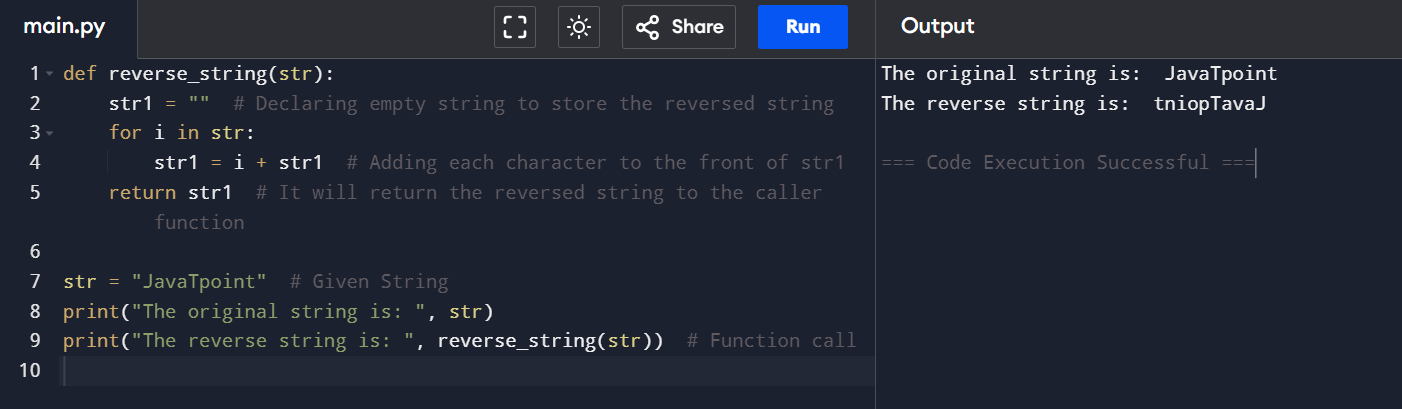
 

1. **Identity Operators.**

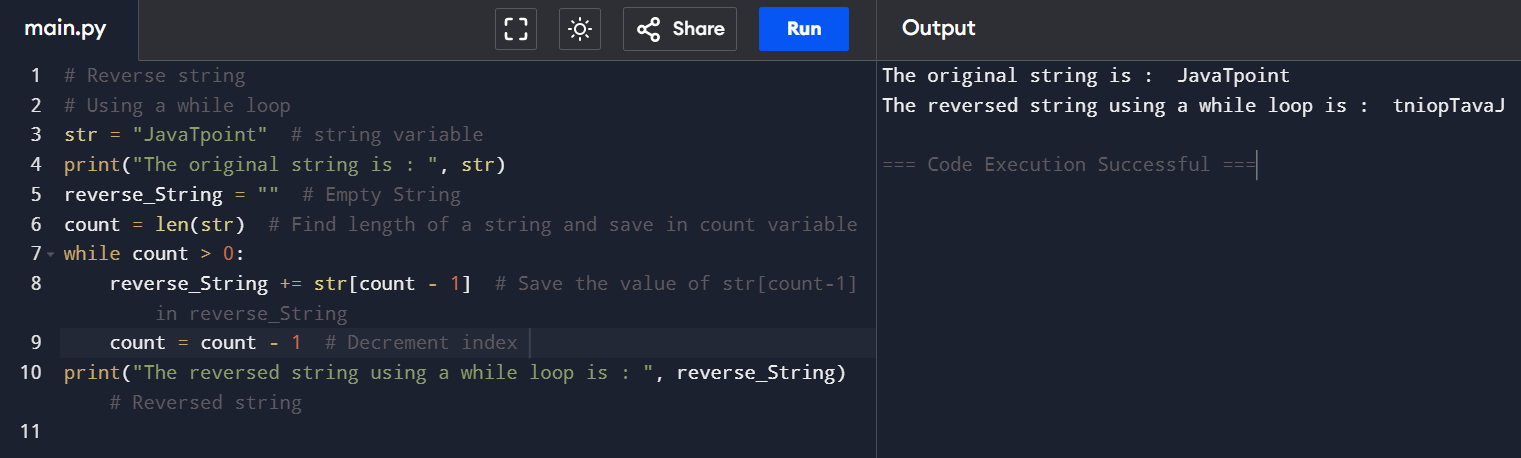


**2.** **Reversing a string in Python**

1. **Using for loop.**



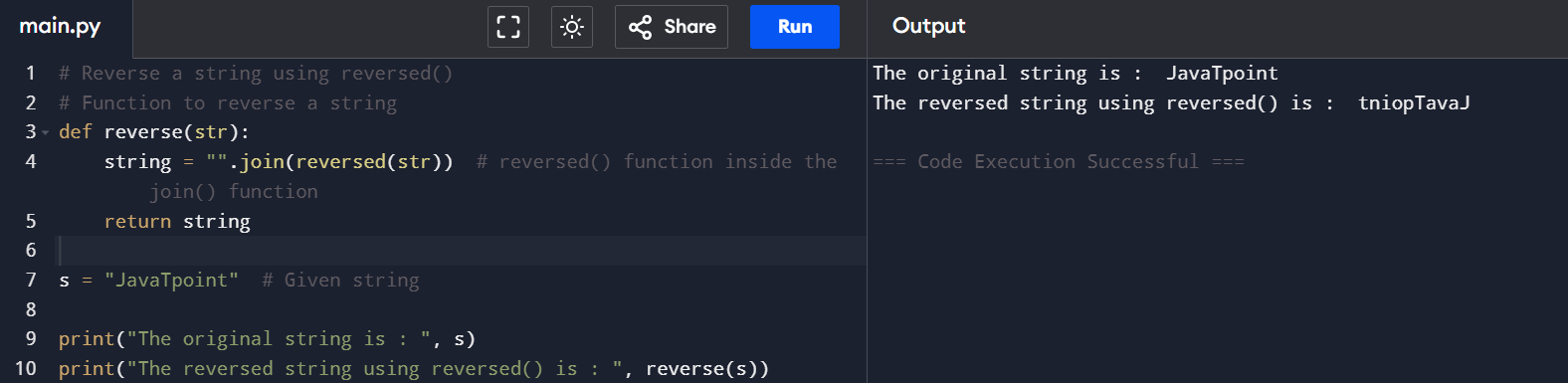
1. **Using while loop.**



1. **Using the slice operator.**



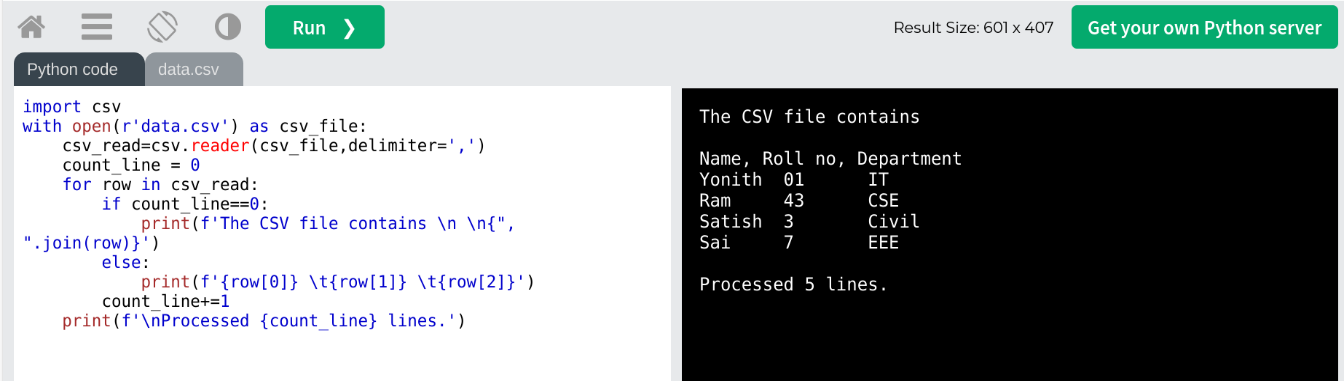
1. **Using the reversed() function.**

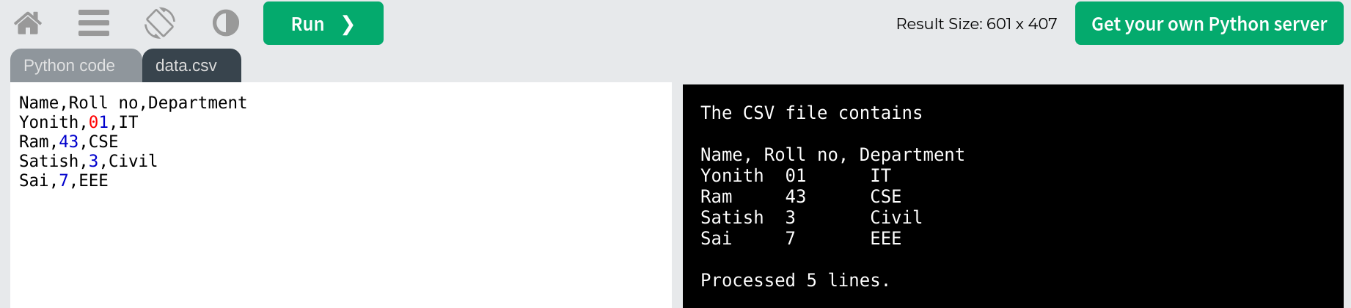


1. **Using the recursion.**



**3.** **Reading CSV file in Python:**

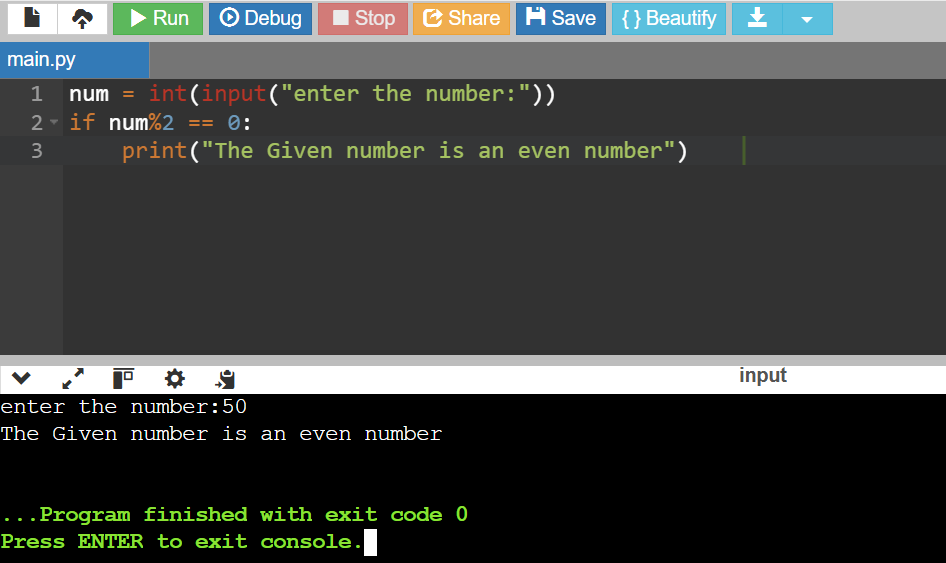
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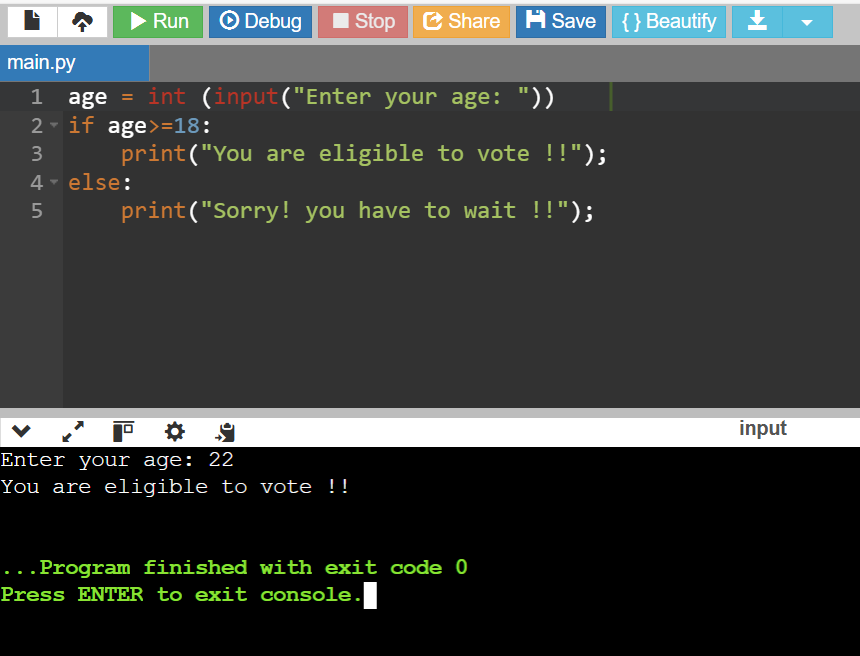
**4.Python If Statement:**

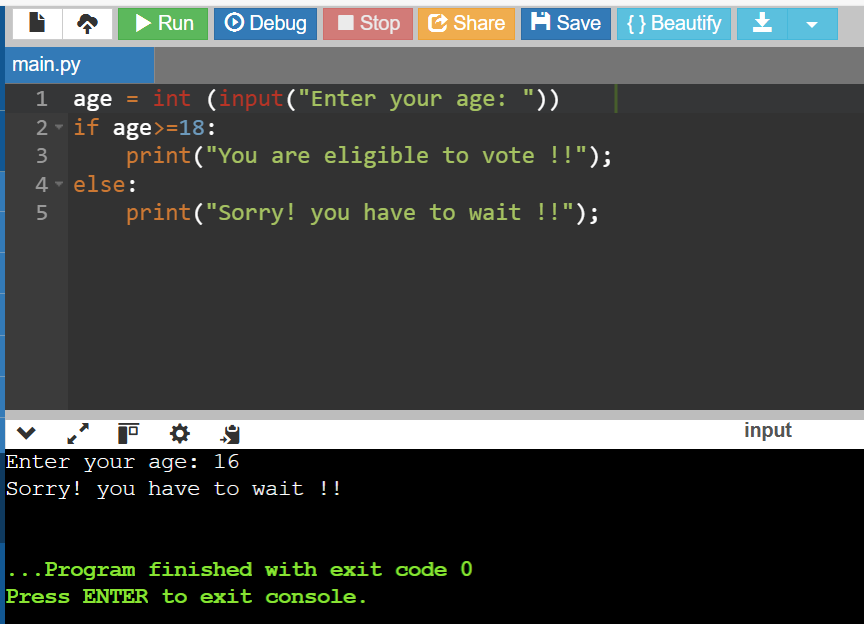
**1.Largest among Three numbers**`A screenshot of a computer program

Description automatically generated

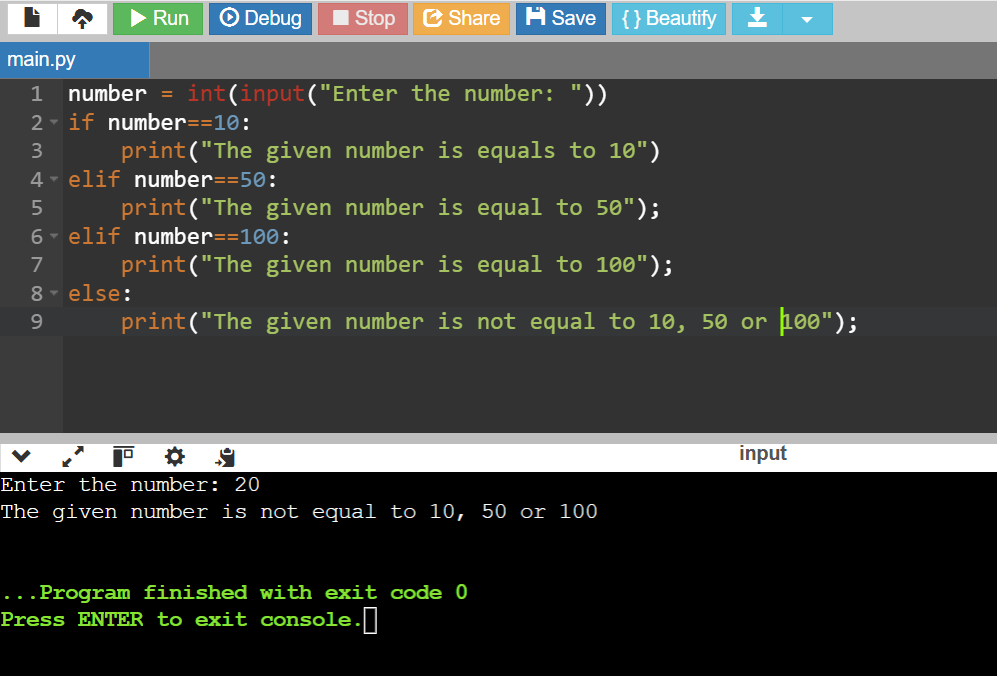
**2.Checking either a number EVEN or not.**

**Python If-Else Statement:**

**1.Checking either a person eligible to vote or not.**



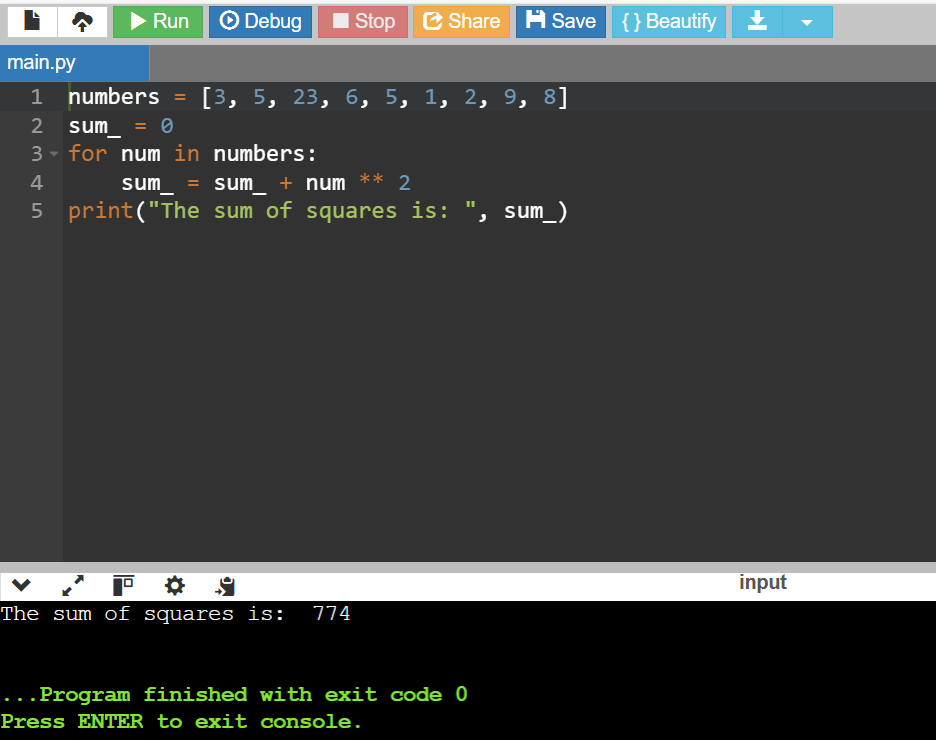
**Python Elif Statement:**



**5.Python Loops:**

**5.1 For loop:**

1. **Iterating by using index of sequence**



1. **Using Range ()**

A screenshot of a computer program

Description automatically generated

1. **Using else statement with For loop**

A computer screen shot of a program

Description automatically generated

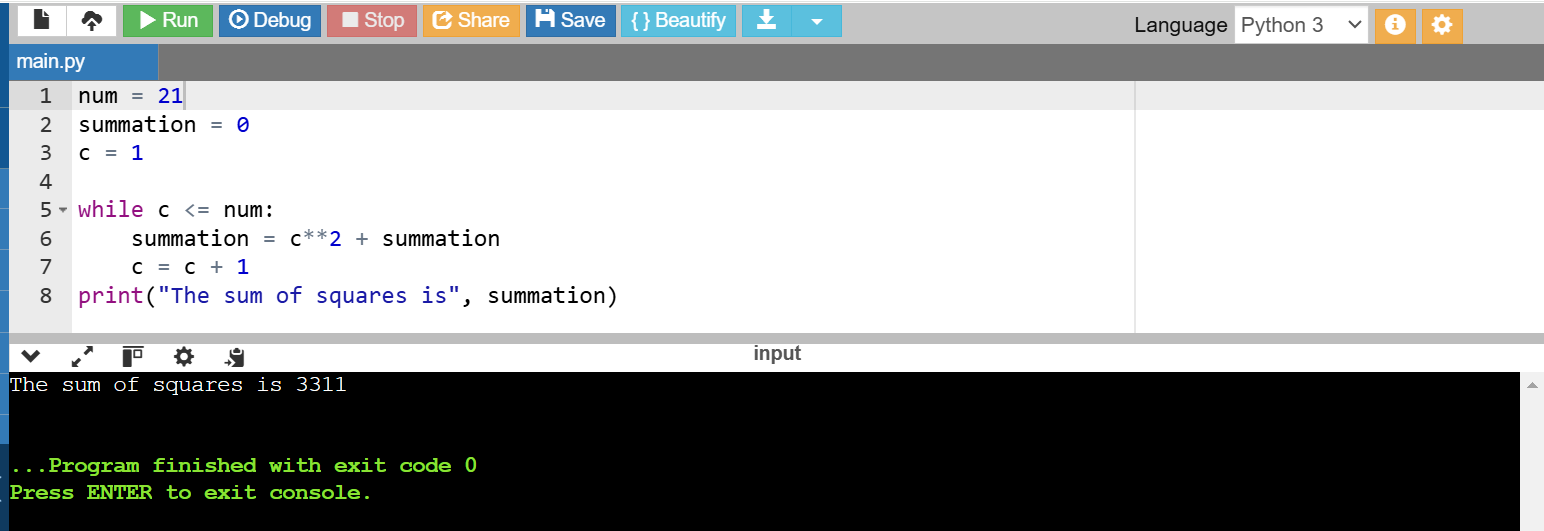
1. **Nested For loop**

A computer screen shot of a program code

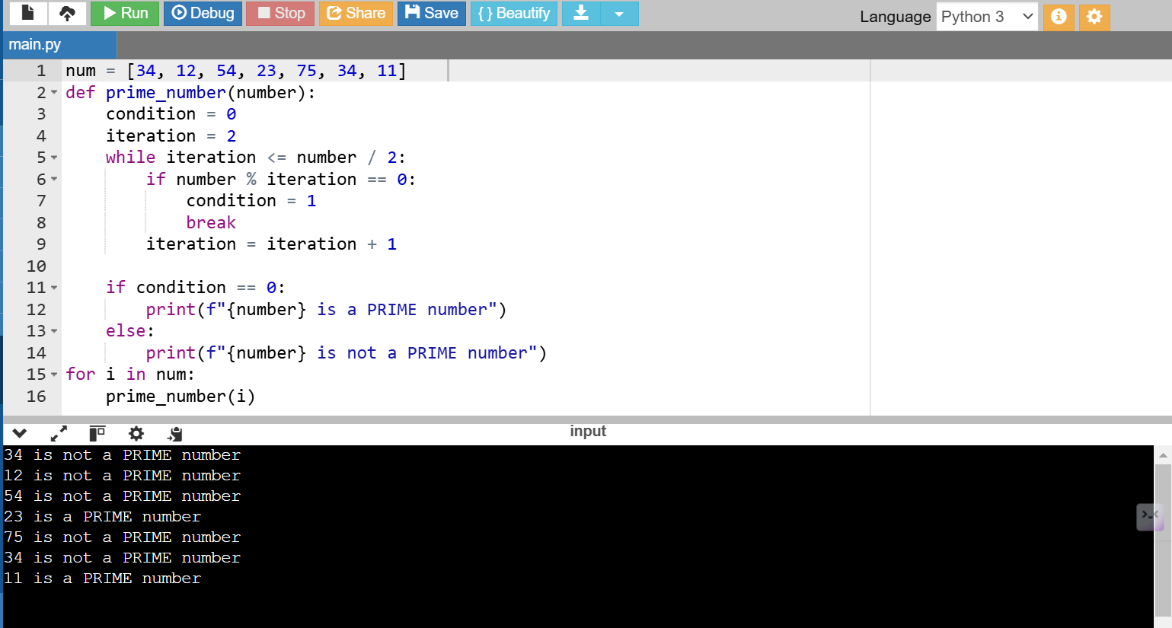
Description automatically generated

**5.2 While loop:**

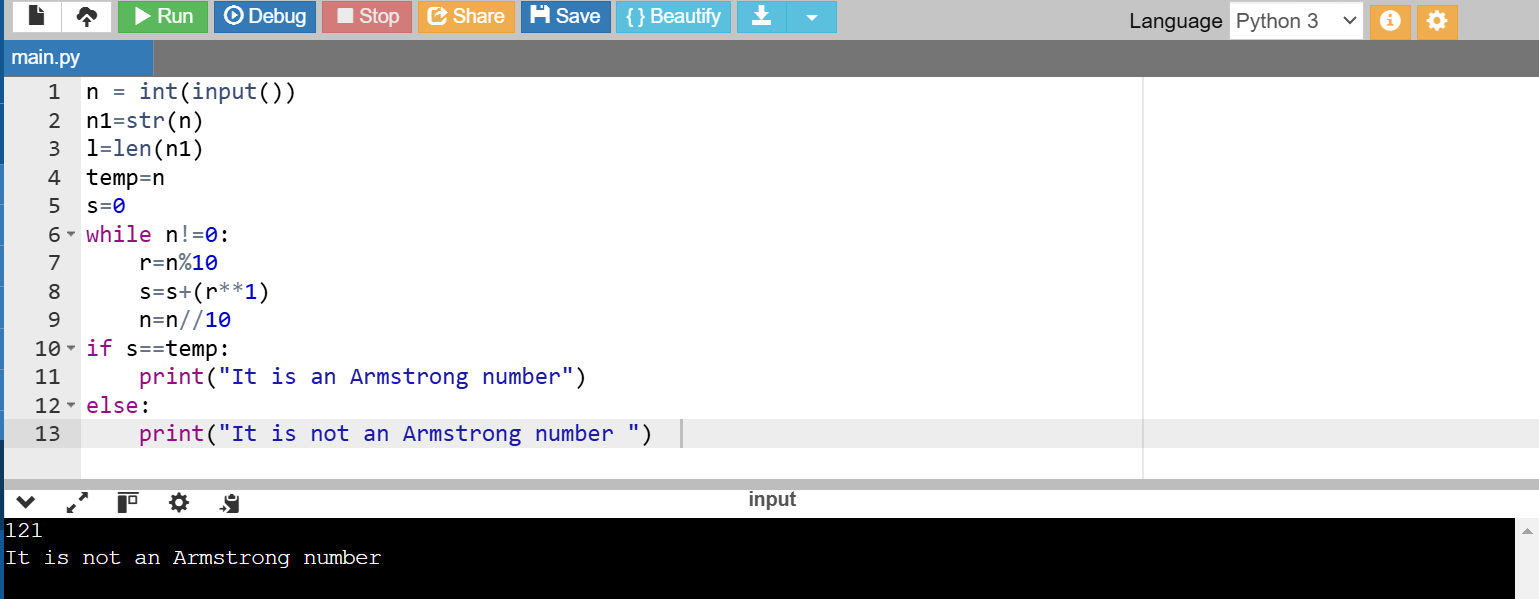
1. **Sum of squares**



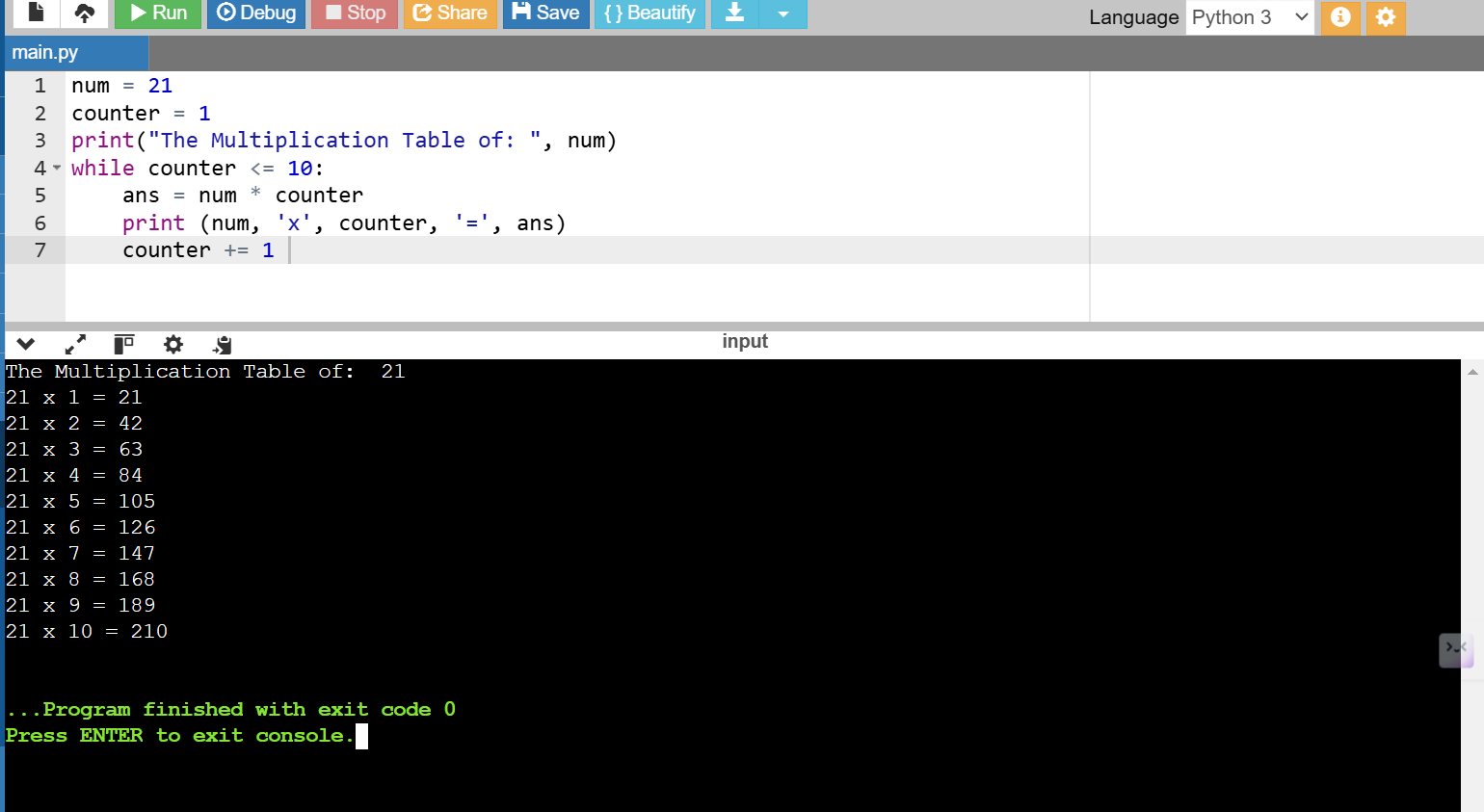
1. **To check whether given number is Prime or not**



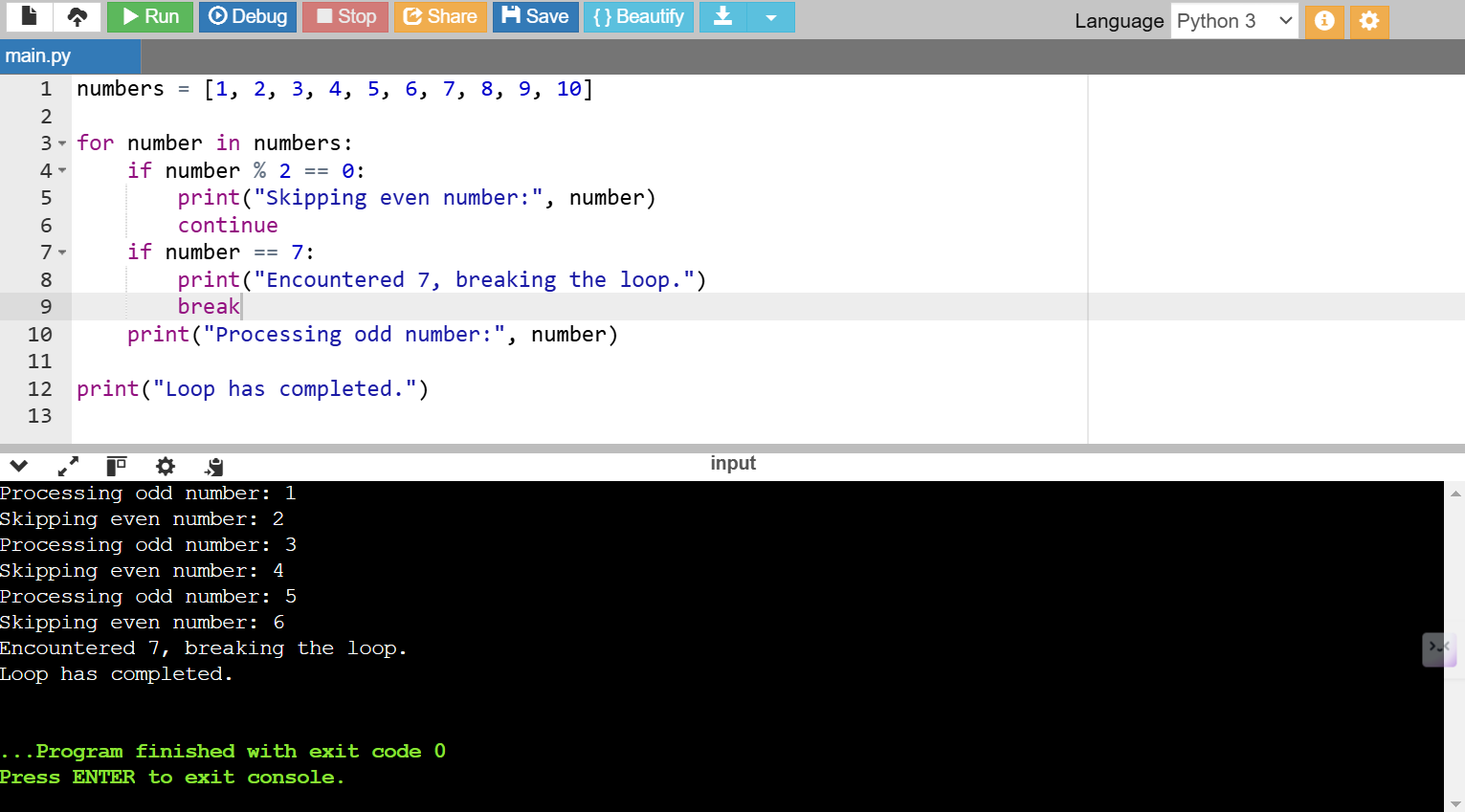
1. **Armstrong number**



1. **Multiplication Table**

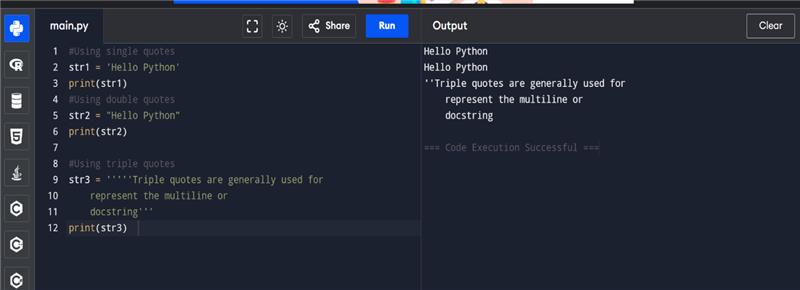


1. **BREAK Statement**



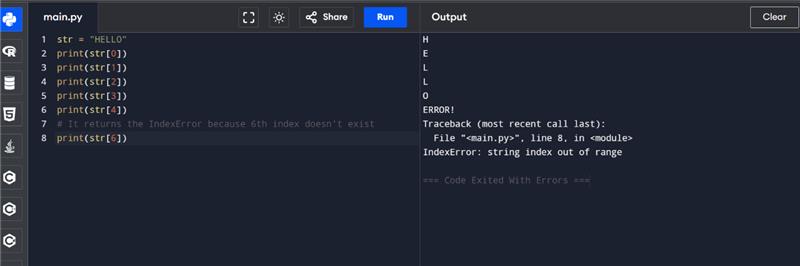
**6. PYTHON STRINGS**

1. **Creating String in Python**

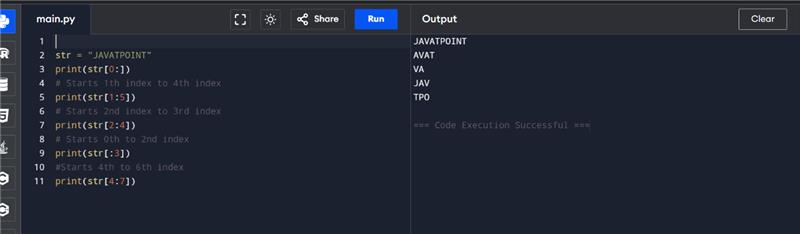


1. **Strings indexing and splitting**

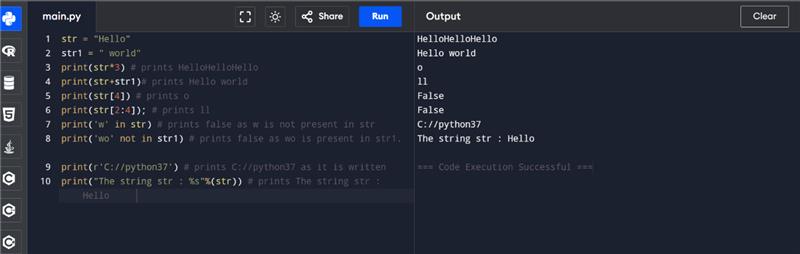
Example 1:



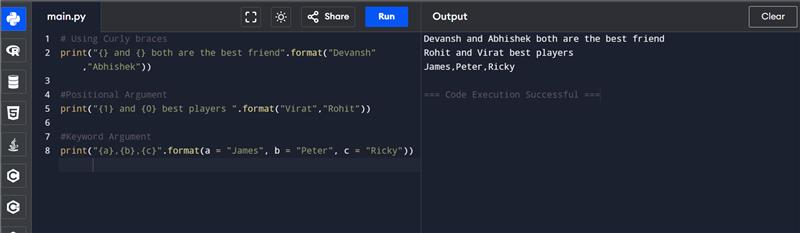
Example 2



1. **Strings Operators**

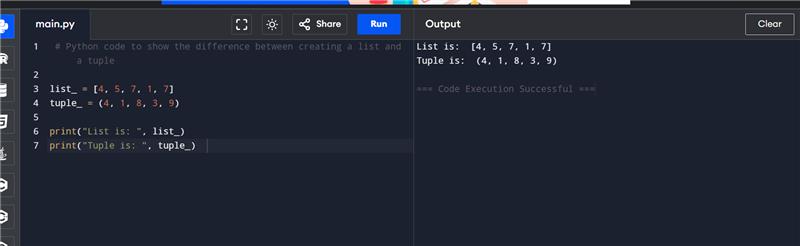


1. **String formatting**

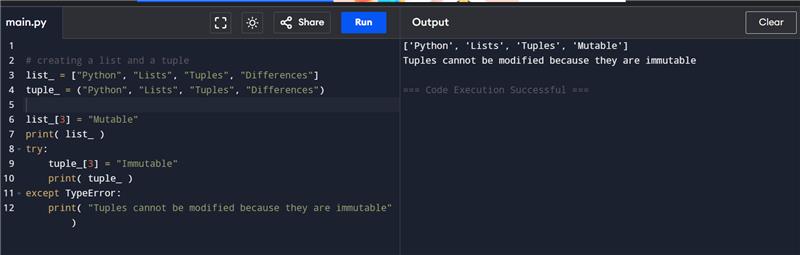


**7.Lists and Tuples**

1. **List and Tuple Syntax Differences**



1. **Updating the element of list and tuple at a particular index**



1. **Code to show the difference in the size of a list and a tuple**

