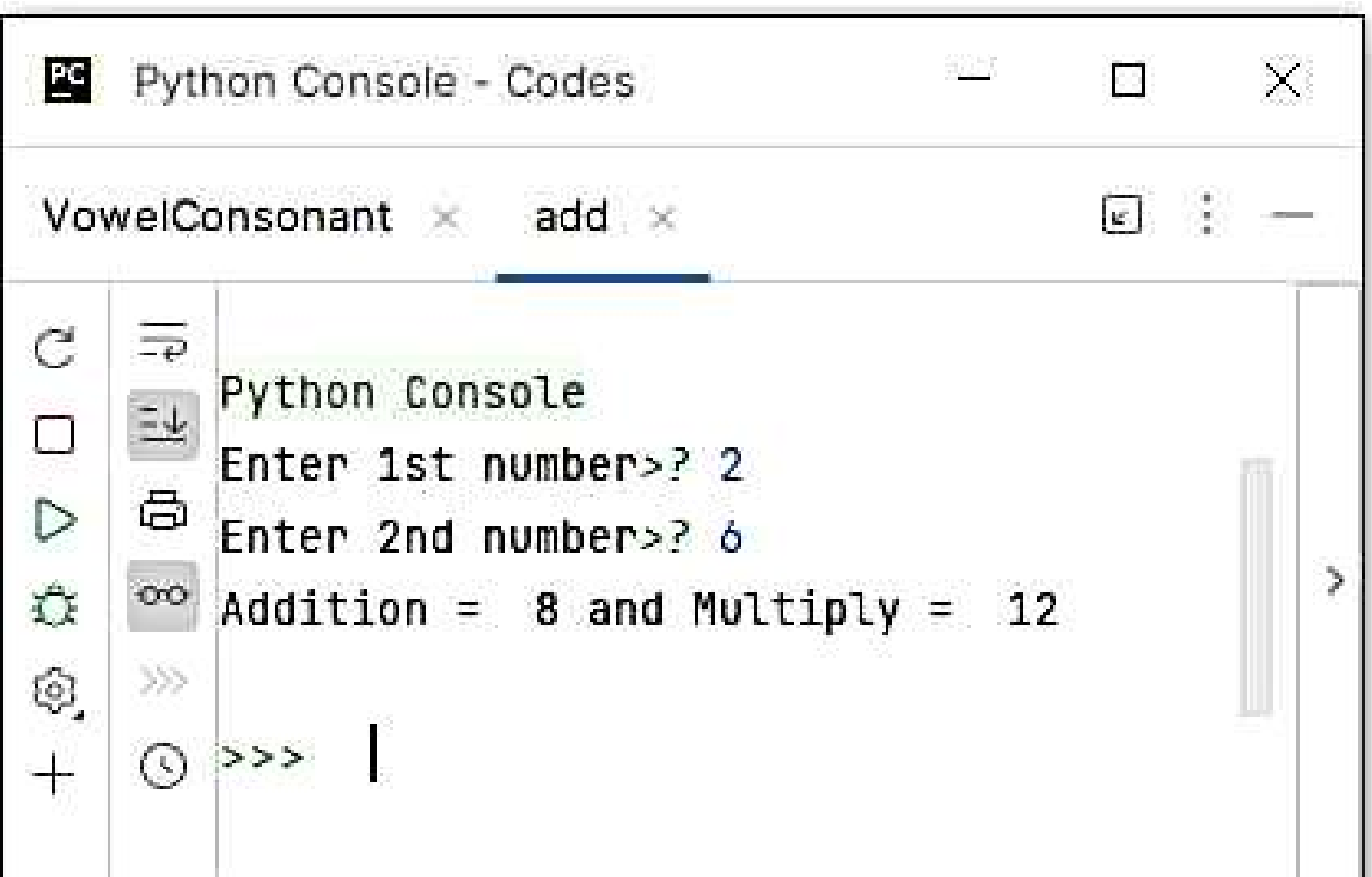


```
num1 = int(input("Enter 1st number"))  
num2 = int(input("Enter 2nd number"))  
sum = num1 + num2  
multiply = num1 * num2  
print("Addition = ", sum, "and Multiply = ", multiply)
```



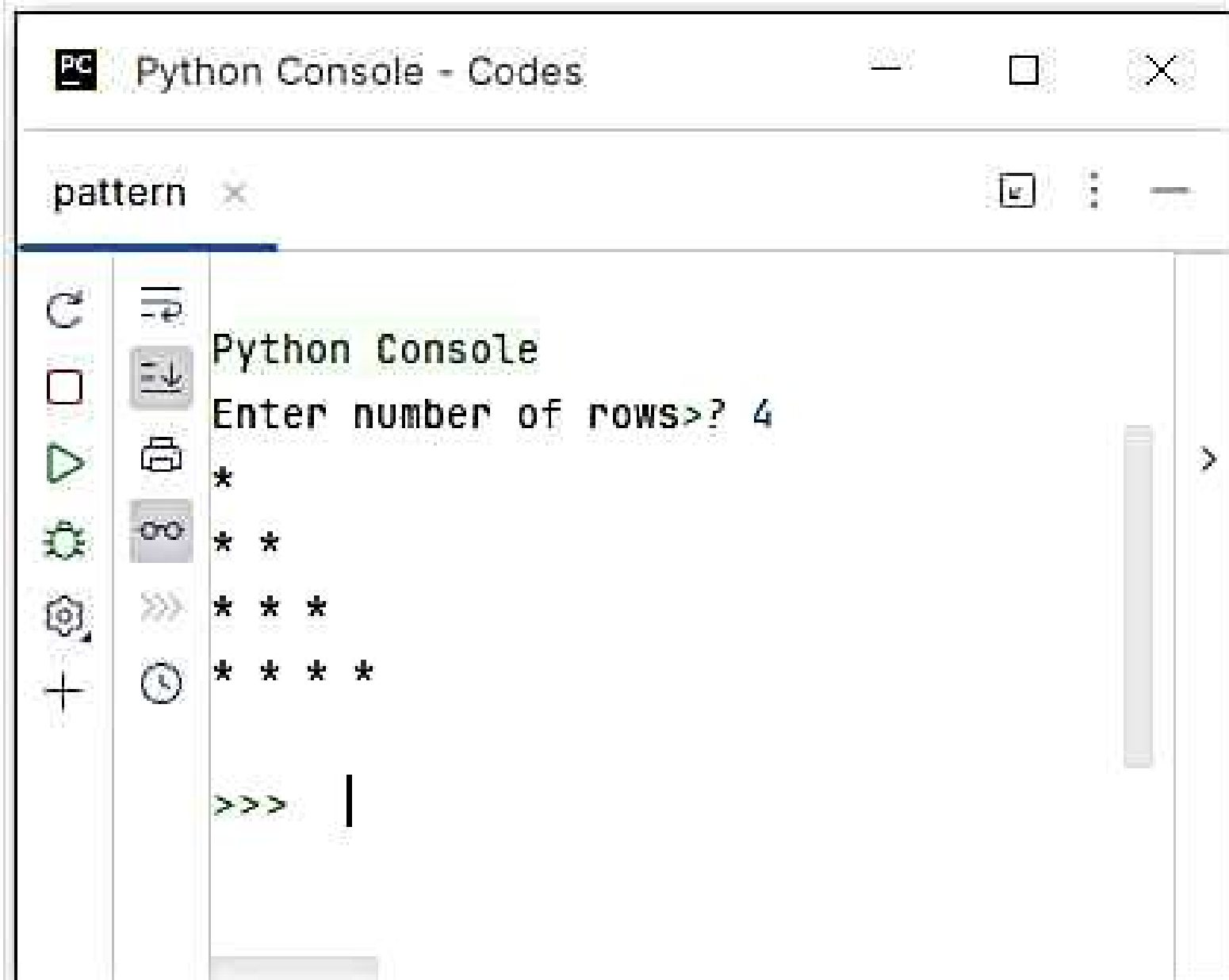
The screenshot shows a window titled "Python Console - Codes" with two tabs: "VowelConsonant" and "add". The "add" tab is active. The console output is as follows:

```
Python Console  
Enter 1st number>? 2  
Enter 2nd number>? 6  
Addition = 8 and Multiply = 12  
>>> |
```

The interface includes a left sidebar with icons for running, debugging, and other functions, and a right sidebar with a vertical scrollbar.

```
n = int(input("Enter number of rows"))
```

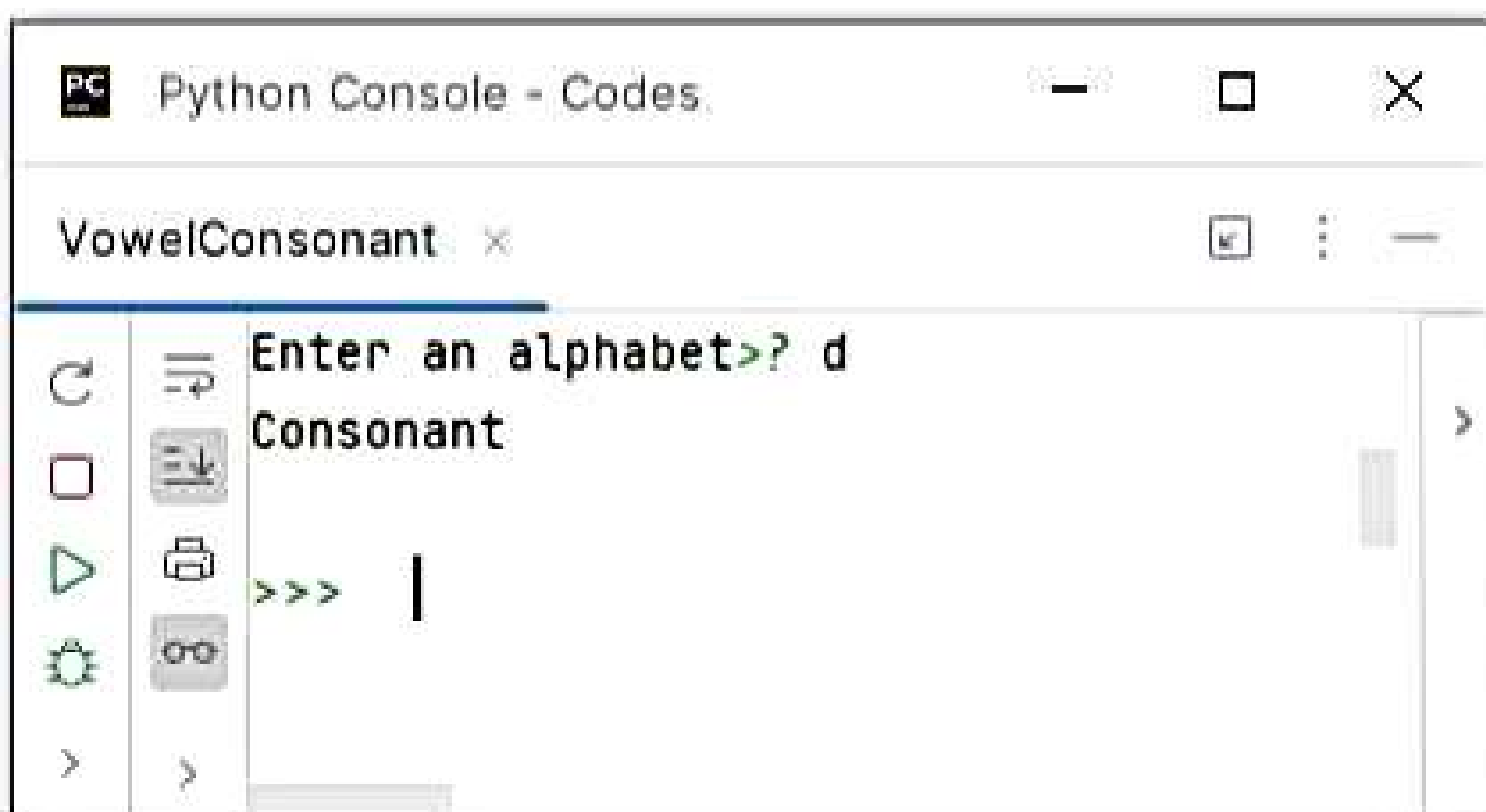
```
for i in range(n):  
    for j in range(i+1):  
        print("* ",end="")  
    print("\r")
```



The screenshot shows a window titled "Python Console - Codes" with a tab labeled "pattern". The console output displays the program's execution: it prompts for the number of rows (4), then prints a pattern of stars. The pattern consists of four rows: the first row has one star, the second has two, the third has three, and the fourth has four. The prompt ">>>|" is shown at the bottom, indicating the console is ready for further input.

```
Python Console  
Enter number of rows>? 4  
*  
* *  
* * *  
* * * *  
  
>>> |
```

```
str = input("Enter an alphabet")
if (str == 'a' or str == 'e' or str == 'i' or
    str == 'o' or str == 'u' or str == 'A' or
    str == 'E' or str == 'I' or str == 'O' or
    str == 'U'):
    print("Vowel")
else:
    print("Consonant")
```

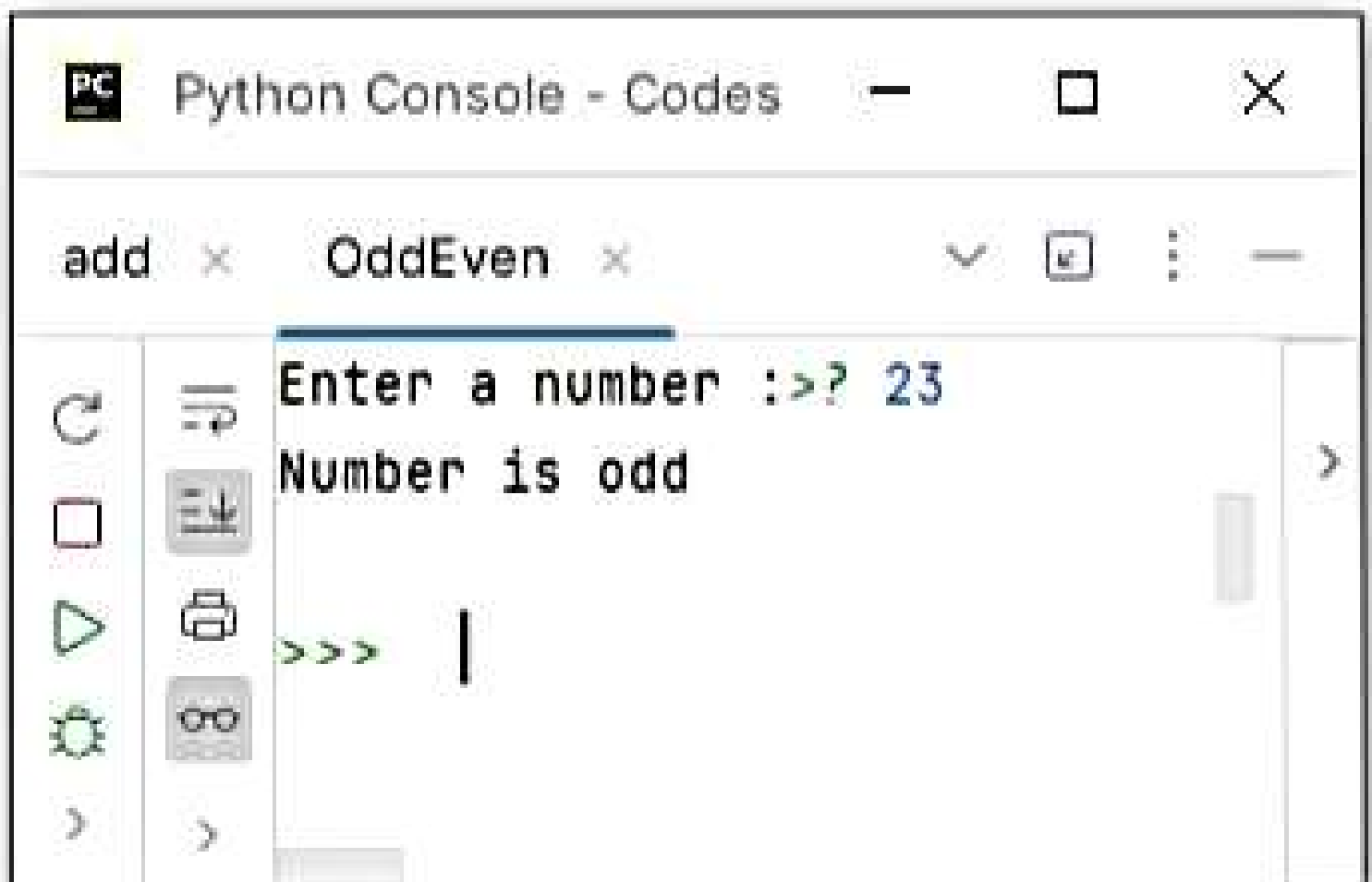


Python Console - Codes

VowelConsonant x

```
Enter an alphabet>? d
Consonant
>>> |
```

```
num = int(input("Enter a number :"))  
if num % 2 == 0 :  
    print("Number is even")  
else :  
    print("Number is odd")
```



Python Console - Codes













add x OddEven x

Enter a number :>? 23
Number is odd
>>> |

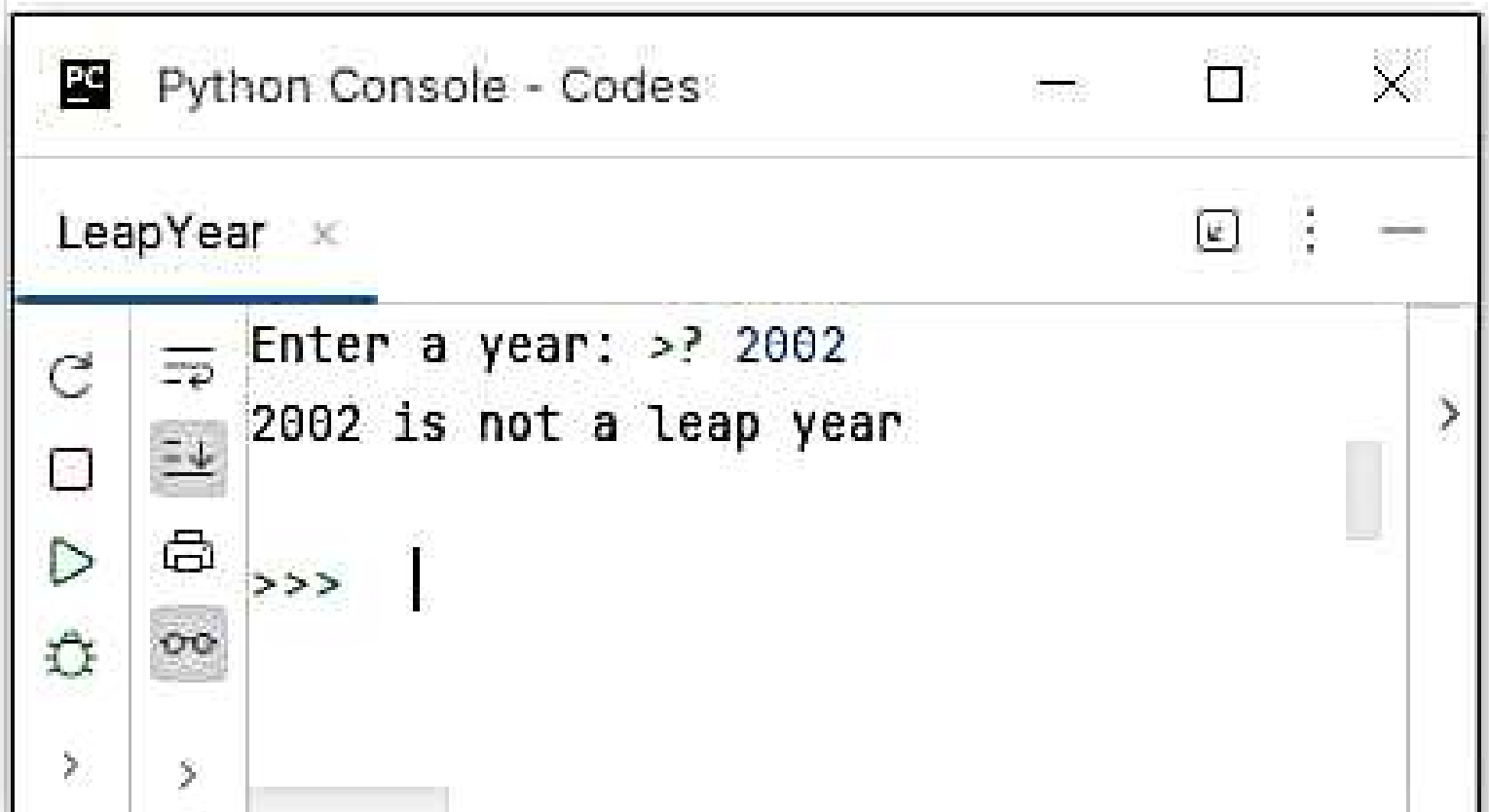
```
pa = float(input("Enter principal amount"))
r = float(input("Enter rate of interest"))
t = float(input("Enter time"))

si = float(pa * r * t) / 100
print("Simple Interest = ", si)
```

SimpleInterest x

		Python Console
		Enter principal amount>? 1550
		Enter rate of interest>? 2.5
		Enter time>? 3
		>>> Simple Interest = 116.25
		>>>

```
year = int(input("Enter a year: "))
if (year % 400 == 0) and (year % 100 == 0):
    print("{0} is a leap year".format(year))
elif (year % 4 == 0) and (year % 100 != 0):
    print("{0} is a leap year".format(year))
else:
    print("{0} is not a leap year".format(year))
```



Python Console - Codes

LeapYear x

```
Enter a year: >? 2002
2002 is not a leap year
>>> |
```