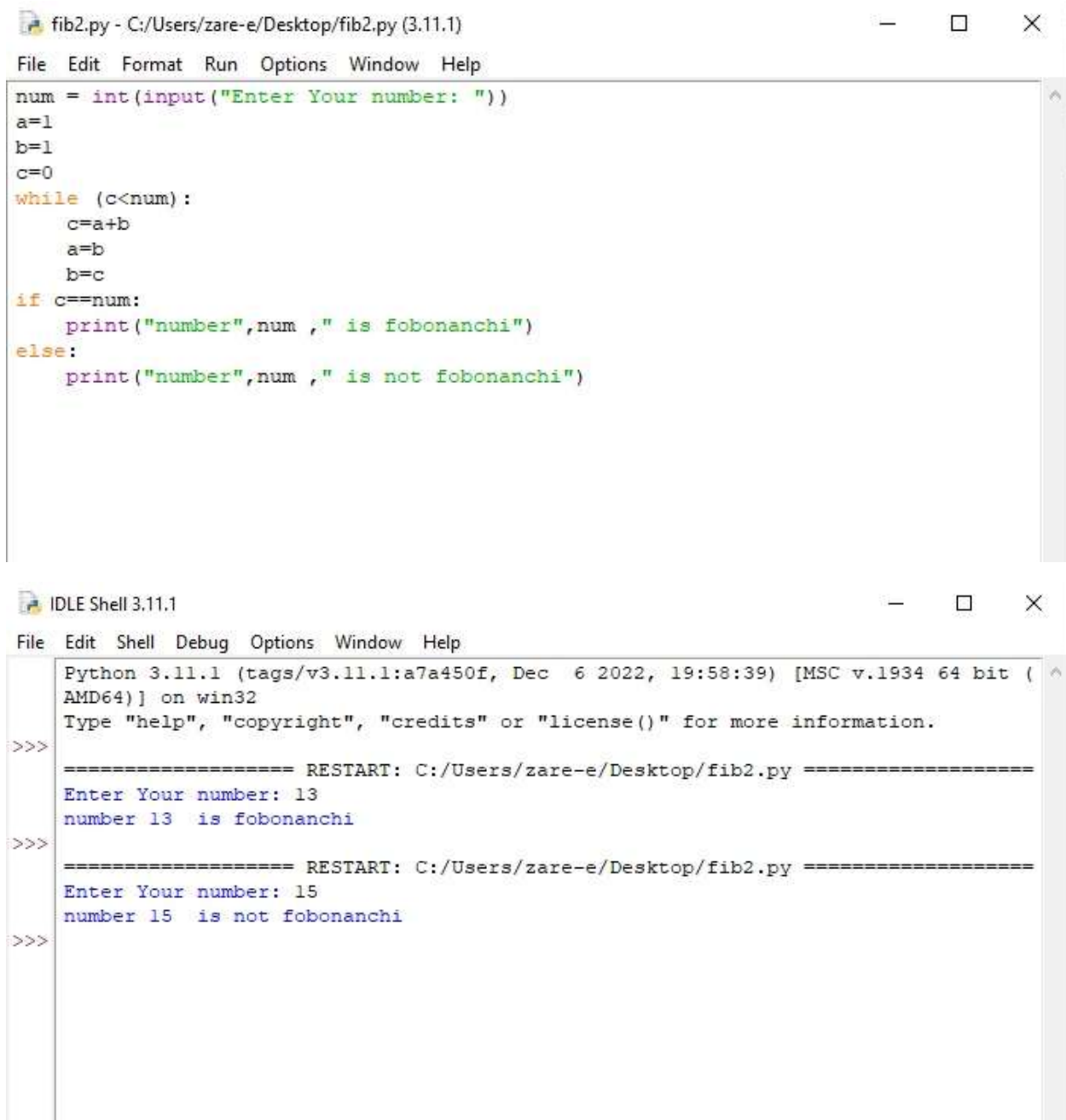


به نام خدا

اسماعیل زارع

برنامه ای بنویسید که عددی از کاربر دریافت کند و بگوید عدد فیبوناچی است یا نه



The image shows two windows from a Python IDE. The top window, titled 'fib2.py - C:/Users/zare-e/Desktop/fib2.py (3.11.1)', contains the following Python code:

```
num = int(input("Enter Your number: "))
a=1
b=1
c=0
while (c<num):
    c=a+b
    a=b
    b=c
if c==num:
    print("number",num ," is fobonanchi")
else:
    print("number",num ," is not fobonanchi")
```

The bottom window, titled 'IDLE Shell 3.11.1', shows the execution of the program. It displays the prompt 'Enter Your number: 13' followed by the output 'number 13 is fobonanchi'. Below this, it shows another execution with the prompt 'Enter Your number: 15' and the output 'number 15 is not fobonanchi'.