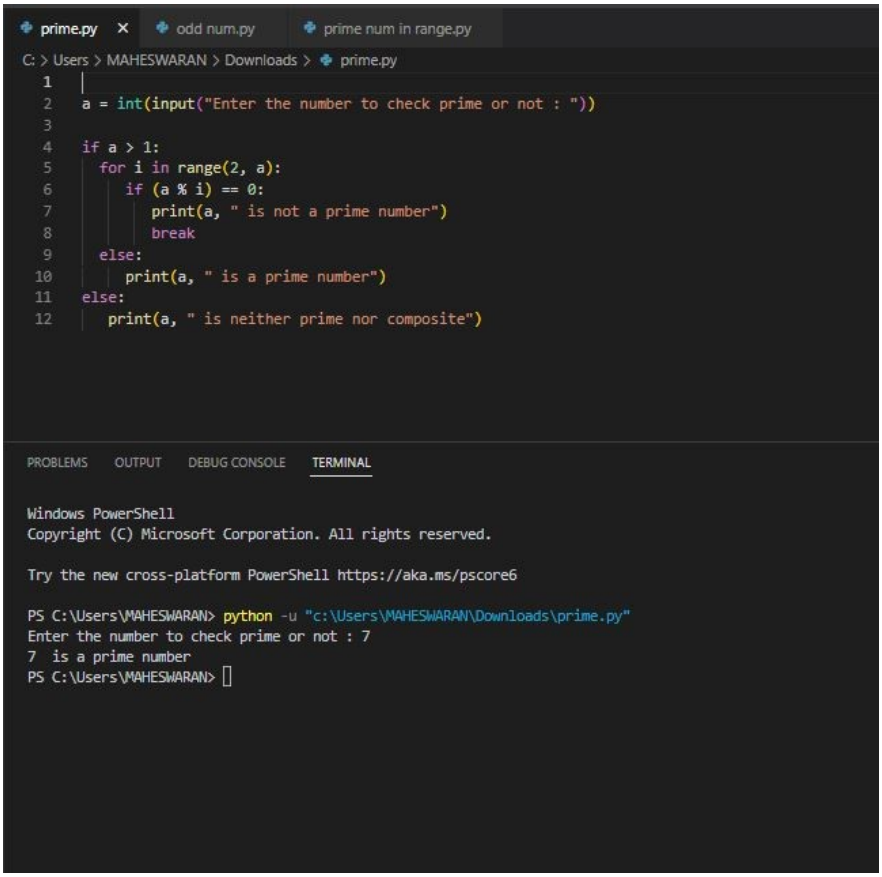
Prime number

Program

```
a = int(input("Enter the number to check prime or not : "))
if a > 1:
  for i in range(2, a):
     if (a % i) == 0:
        print(a, " is not a prime number")
        break
  else:
     print(a, " is a prime number")
else:
   print(a, " is neither prime nor composite")
```

Output



Prime Range

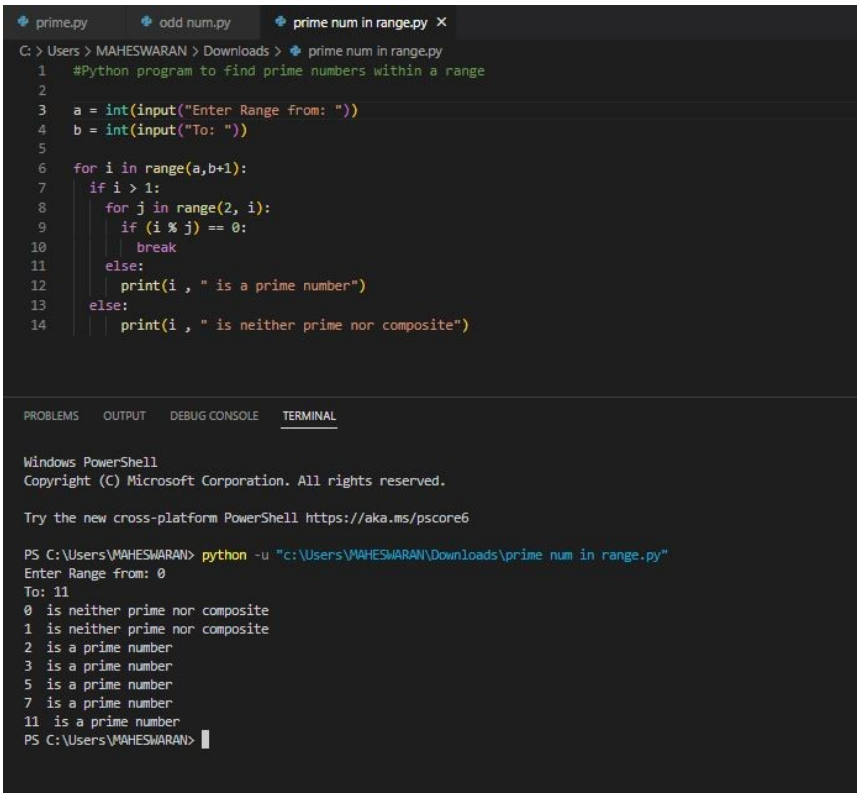
Program

```
a = int(input("Enter Range from: "))

b = int(input("To: "))


for i in range(a,b+1):

  if i > 1:

    for j in range(2, i):

      if (i % j) == 0:

        break

    else:

      print(i , " is a prime number")
```

else:

print(i , " is neither prime nor composite")

Output



Fibonacci series

Program

a = 0

b = 1

n = int(input("Enter the range of fibonacci numbers you wish to find"))

print(a)

print(b)

for i in range(0,n-2):

fib = a + b

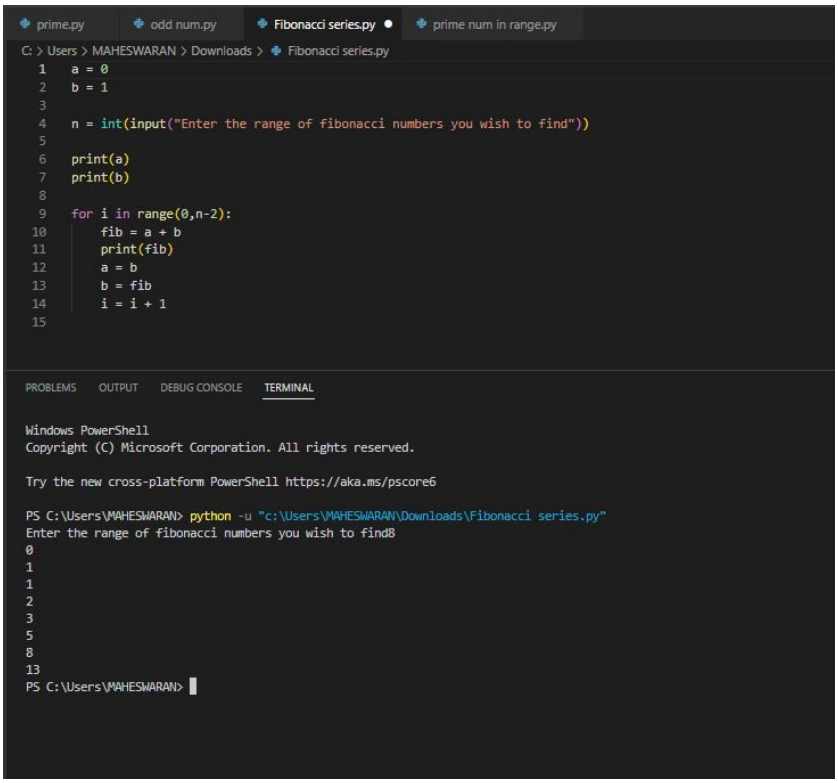
print(fib)

a = b

b = fib

i = i + 1

Output



Odd number

Program

print("Finding odd numbers in a given range")

m = int(input("Range from : "))

n = int(input("To :"))

while m < n+1:

```
    if(m%2)!=0:
        print("{} is a odd number".format(m))
    m = m + 1
```

Output