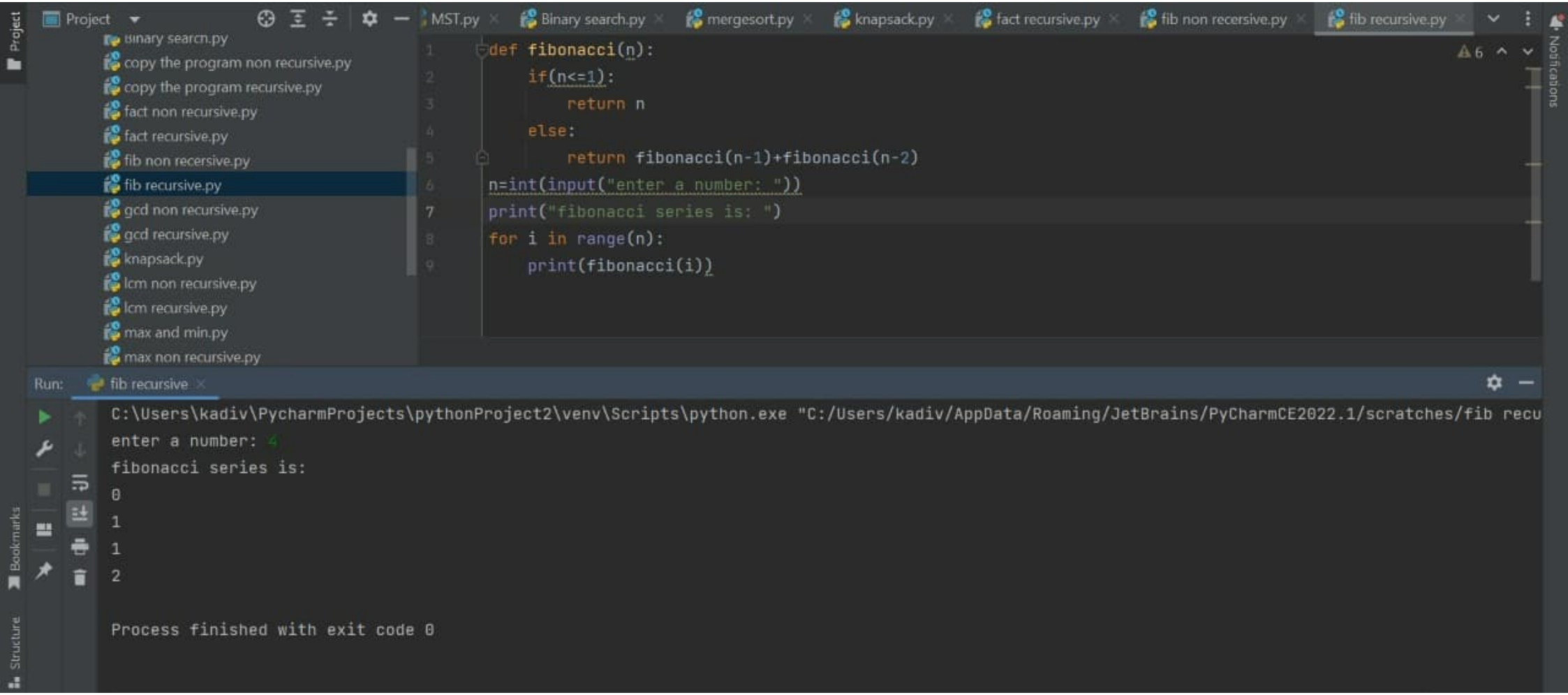
Project
copy the program non recursive.py
copy the program recursive.py
fact non recursive.py
fact recursive.py
fib non recersive.py
fib recursive.py
gcd non recursive.py
gcd recursive.py
knapsack.py
lcm non recursive.py
lcm recursive.py
max and min.py
max non recursive.py
MST.py
Binary search.py
mergesort.py
knapsack.py
fact recursive.py
fib non recersive.py
fib recursive.py
def fibonacci(n):
if(n<=1):
return n
else:
return fibonacci(n-1)+fibonacci(n-2)
n=int(input("enter a number: "))
print("fibonacci series is: ")
for i in range(n):
print(fibonacci(i))
Run:
fib recursive
C:\Users\kadiv\PycharmProjects\pythonProject2\venv\Scripts\python.exe "C:/Users/kadiv/AppData/Roaming/JetBrains/PyCharmCE2022.1/scratches/fib recu
enter a number: 4
fibonacci series is:
0
1
1
2
Process finished with exit code 0