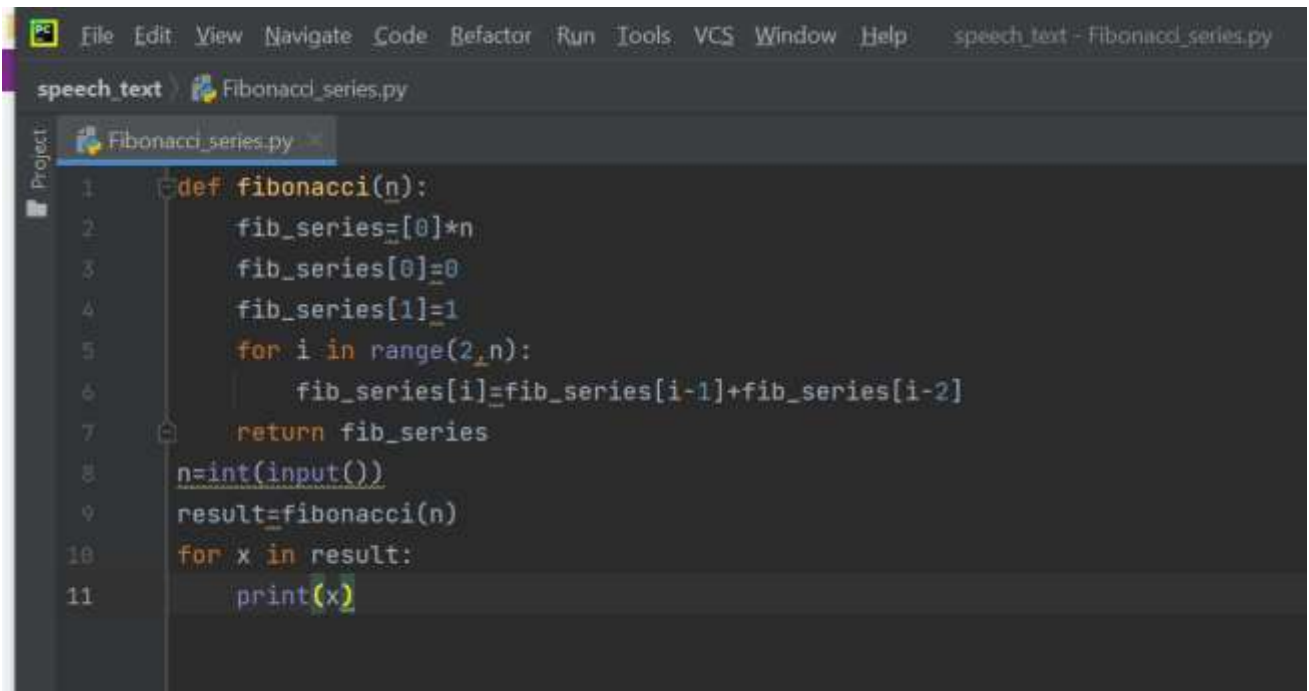
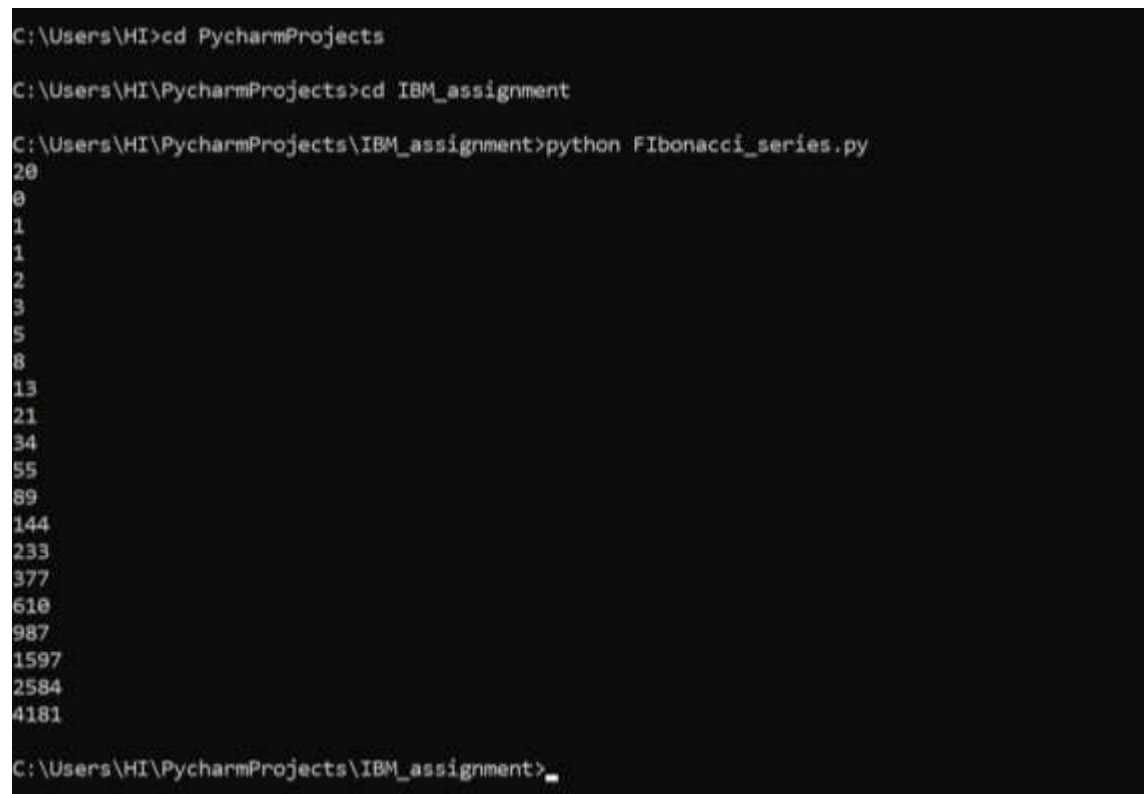


4. Python Program to generate Fibonacci series:



```
File Edit View Navigate Code Refactor Run Tools VCS Window Help speech_text - Fibonacci_series.py
speech_text Fibonacci_series.py
Project: Fibonacci_series.py
1 def fibonacci(n):
2     fib_series=[0]*n
3     fib_series[0]=0
4     fib_series[1]=1
5     for i in range(2,n):
6         fib_series[i]=fib_series[i-1]+fib_series[i-2]
7     return fib_series
8 n=int(input())
9 result=fibonacci(n)
10 for x in result:
11     print(x)
```

Output:



```
C:\Users\HI>cd PycharmProjects
C:\Users\HI\PycharmProjects>cd IBM_assignment
C:\Users\HI\PycharmProjects\IBM_assignment>python Fibonacci_series.py
20
0
1
1
2
3
5
8
13
21
34
55
89
144
233
377
610
987
1597
2584
4181
C:\Users\HI\PycharmProjects\IBM_assignment>
```