Code:

```
41427_LP-III_A1.py X
E: > BE > 41427_LP-III_Codes > DAA > ♥ 41427_LP-III_A1.py > ...
  1 ∨ def fibo_recursive(n):
              return 0
              return 1
          return fibo_recursive(n - 1) + fibo_recursive(n - 2)
  9 ∨ def fibo iterative(n):
           a, b = 0, 1
           if n == 1:
              return a
             return b
          while n - 2 > 0:
              a, b = b, c
      num = int(input("Enter the number of fibonacci numbers required : "))
      iterative, recursive = [], []
 24 \vee for i in range(1, num+1):
           iterative.append(str(fibo_iterative(i)))
           recursive.append(str(fibo_recursive(i)))
 26
      print('Iterative sequence: ' + ' '.join(iterative))
      print('Recursive sequence: ' + ' '.join(recursive))
```

Output:

```
Windows PowerShell
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PS C:\Users\abhij> & C:/Users/abhij/AppData/Local/Programs/Python/Python311/python.exe e:/BE/41427_LP-III_Codes/DAA/41427_LP-III_A1.py
Enter the number of fibonacci numbers required: 7
Iterative sequence: 0 1 1 2 3 5 8
Recursive sequence: 0 1 1 2 3 5 8
PS C:\Users\abhij>
```