**How would you write a Python function to generate the first n terms of the Fibonacci sequence?**

def fibonacci(n):

fib\_sequence = [0, 1]

while len(fib\_sequence) < n:

next\_term = fib\_sequence[-1] + fib\_sequence[-2]

fib\_sequence.append(next\_term)

return fib\_sequence[:n]

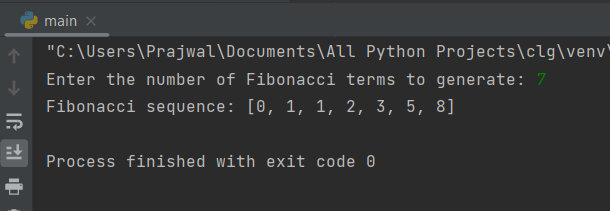
# Get user input for the number of terms

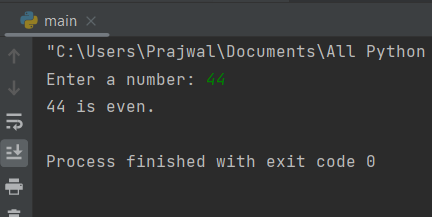
n = int(input("Enter the number of Fibonacci terms to generate: "))

# Call the function and print the result

result = fibonacci(n)

print("Fibonacci sequence:", result)

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