PROGRAMMING ASSESSMENT

1. Write a Python function to compute the nth Fibonacci number using recursion.

def fibonacci(n):

if n <= 0:

return 0

elif n == 1:

return 1

else:

return fibonacci(n - 1) + fibonacci(n - 2)

def main():

n = int(input("Enter a number: ")) # Convert input to an integer

print(f"The {n}th Fibonacci number is: {fibonacci(n)}")

if \_\_name\_\_ == "\_\_main\_\_":

main()

