FibArray = [0, 1]

def fibonacci(n):

# Check is n is less

# than 0

if n < 0:

print("Incorrect input")

# Check is n is less

# than len(FibArray)

elif n < len(FibArray):

return FibArray[n]

else:

FibArray.append(fibonacci(n - 1) + fibonacci(n - 2))

return FibArray[n]

# Driver Program

print(fibonacci(9))