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|  | **DAILY ONLINE ACTIVITIES SUMMARY**   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Date:** | **24/06/2020** | | | | | **Name:** | **Shone K Sunny** | | | **Sem & Sec** | **8th sem,A** | | | | | **USN:** | **4AL14CS081** | | | **Online Test Summary** | | | | | | | | | | **Subject** | | **---** | | | | | | | | **Max. Marks** | | **---** | | **Score** | | | **---** | | | **Certification Course Summary** | | | | | | | | | | **Course** | **Python for Machine Learning** | | | | | | | | | **Certificate Provider** | | | **Great Learning**  **Academy** | | **Duration** | | | **7hr** | | **Coding Challenges** | | | | | | | | | | **Problem Statement: 1.Python program for Fibonacci numbers** | | | | | | | | | | **Status: Solved** | | | | | | | | | | **Uploaded the report in Github** | | | | | **Yes** | | | | | **If yes Repository name** | | | | | **shonekks** | | | | | **Uploaded the report in slack** | | | | | **Yes** | | | |   Online Test Details: (Attach the snapshot and briefly write the report for the same)  Certification Course Details: (Attach the snapshot and briefly write the report for the same    Coding Challenges Details: (Attach the snapshot and briefly write the report for the same) |
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**Program no:1**

# Python Program for Fibonacci numbers.

# Function for nth fibonacci number - Space Optimisataion

# Taking 1st two fibonacci numbers as 0 and 1

def fibonacci(n):

a = 0

b = 1

if n < 0:

print("Incorrect input")

elif n == 0:

return a

elif n == 1:

return b

else:

for i in range(2,n):

c = a + b

a = b

b = c

return b

# Driver Program

print(fibonacci(9))