Logo STUDENT REPORT Roll Number **DETAILS** Name SAMALA JAHNAVI Jescription

Description

Alev EXPERIMENT Title Source Code: Alex is exploring a series and she came across a special def special\_series(N): if N == 0 or N == 1: return 1  $f(N)=f(N-1)*f(N-1)+f(N-2)*f(N-2) \mod 47$ f = [0] \* (N+1)f[0], f[1] = 1, 1for i in range (2, N+1): f[i] = (f[i-1]\*f[i-1] + f[i-2]\*f[i-2]) % 47Your task is to help Alex find and return an integer value, return f[N] representing the Nth number in this special series. N = int(input()) print(special\_series(N)) input1: An integer value N. **Output Specification:** Return an integer value, representing the Nth number in this special fibonacci series. Sample Input: Sample Output: 29 SHA 23021AOSHA RESULT 5 / 5 Test Cases Passed | 100 %