Name:

ID:

**M5 Challenge 03A**

Part 1:

1. Write a python program that computes the following sum:

*N =*

1. Write a python program that calculates the sum of the 27th, 41st, and 58th Fibonacci numbers:

*Fibonacci sequence:*

*S = 1, 1, 2, 3, 5, 8, ...*

*Si+2= Si+1+ Si*

Part 2: [Lists](https://runestone.academy/runestone/books/published/thinkcspy/Lists/intro-Lists.html)

1. Evaluate the following (10.3):

L = [1,1+1,2\*3\*\*3]

print(len(L))

|  |  |
| --- | --- |
| 6 | 1 |
| 5 | 3 |

1. Evaluate the following (10.4):

Z = [1,2,3,4]

print(Z[-1])

|  |  |
| --- | --- |
| 1 | 3 |
| -1 | 4 |