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## **The LNM Institute of Information Technology**

**Computer Science and Engineering**

**COA Laboratory (CSE216)**

**Assignment: 3**

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1. Write assembly code to compute the Fibonacci series and store the first 10 numbers of the Fibonacci series in memory and print them. The Fibonacci Sequence is the series of numbers: 0, 1, 1, 2, 3, 5, 8, 13, 21, 34,. . . Any number in the series is found by adding up the two numbers before it.
2. Write assembly code to compute the sum of squares of consecutive integers (starting from 1) until the total exceeds 200. Print the final total and the last number to be squared and added.