**Lab-1 (Concurrency – Java Threads) 🡪 100 points**

**Problem Description:**

You need to create an array of a size of 1000. Each item must be same value of index.

**Unit Testing:**

You need to write a **main** method to perform the following:

1. Build the required array items
2. Print out **the sum** **of Even** numbers.
3. Divide the work among two threads to sum all even numbers:
   1. Create **two** threads where each can only work on 1/2 of the array items
   2. Print out the sum even number for each thread
   3. Print out the total of all threads. **This should have the same result of step #2**.