Practice – Week 2

1. Write a pseudocode to compute the following sums
   a. $S = 1 + 2 + 3 + \ldots + n$
   b. $S = 1^2 + 2^2 + \ldots + (n-1)^2 + n^2$
2. Write a pseudocode of converting decimal numbers to their binary representations.
3. Write a pseudocode to compute the lcm (least common multiple) of two numbers.
4. Write pseudocode to compute the power of a number: a^n