Warm-up Exercise 3:

1. Write a pseudo code for a program that checks if the input number is odd or even?
   - num = read user number input
     if (num % 2 is 0):
         print num is even
     else:
         print num is odd

2. Write a pseudo code for a program that checks if an input number is prime or not?
   - num = read user number input
     for every number i from 2 to num – 1:
         if (num % i is 0):
                 print num is not prime
                 return, exit, or end
     print num is prime

3. Write a pseudo code for a program that calculates the factorial of an input number?
   - num = read user number input
     fact = 1
     for every number i from 2 to num:
         multiply fact by i
     print fact to screen