

## COSC-111 INTRODUCTION TO COMPUTER SCIENCE I PRACTICE WITH FOR LOOPS

1. The int countdown for NASA's rocket launcher is currently at 10 seconds. When the countdown reaches 0, the rocket will launch. Write a for loop that counts down to the time of the launch, printing the number of seconds left before launch. When the number of second from launch equals to 3, the program also prints "Ignition". When it is time for launch, the program prints "LAUNCH".

2. Write a for loop that prints out all multiples of 3 between 1 and 50.

3. Write a for loop that prints all common factors of 72 and 86.

4. Write a for loop that finds the Greatest Common Factor (GCF) of 72 and 86, printing only that number.