**A3-1: Prime Numbers and Prime Factorization**

Write an app that takes a whole-number input from a user and determines whether it’s prime. If the number is not prime, display the unique prime factors of the number. Remember that a prime number’s factors are only 1 and the prime number itself. Every number that’s not prime has a unique prime factorization. For example, consider the number 54. The prime factors of 54 are 2, 3, 3 and 3. When the values are multiplied together, the result is 54. For the number 54, the prime factors output should be 2 and 3.