## **Unit Test Method: Fibonacci**

The method takes in an **integer** , and calculates the **Fibonacci** **number**:

## **Unit Test Method: Email**

Test a given method which takes in a **string representing an email address** and finds if the given email is indeed **a valid email or not**.

## **Unit Test Method: Prime Factor**

Test a given method which takes in a **long number** and finds the largest prime factor of the given number.

## **Unit Test Method: Sign of Integer Number**

Test a method that takes in a **string**, **parse it to integer** and **checks if the given number is positive, negative, or zero**. The method **returns the following string as result**:

* For positive number: **"The number {number} is positive."**
* For negative number: **"The number {number} is negative."**
* For zero number: **"The number {number} is zero."**
* If not an integer: **"The input is not an integer!"**

The method is found in the **SignOfIntegerNumbers.cs** file: