Integration Test - Scenarios

Read these integration test scenario below and write the corresponding test.

**Test #1**

**Objective**

Test if the encrypt endpoint correctly ciphers the user text.

**When**

The server has been started

**Then**

The user calls the encrypt endpoint with the parameters:

text: ‘Hello World!’

key: 6

**Assert**

The response is ’Nkrru Cuxrj!’

**Test #2**

**Objective**

Test if the decrypt endpoint correctly deciphers the user text.

**When**

The server has been started

**Then**

The user calls the decrypt endpoint with the parameters:

text: ‘Nkrru Cuxrj!’

key: 6

**Assert**

The response is ’Hello World

For each of the following test objective, write the scenario, then implement the corresponding integration test.

**Test #3**

**Objective**

Test if encrypting and decrypting a message returns the initial message.

**When**

**Then**

**Assert**

**Test #4**

**Objective**

Test if encrypting and decrypting a message with a random key returns the initial message.

**When**

**Then**

**Assert**