User Story:

1. As a User, I want to check if two strings are anagrams, so that I can determine if they have the same set of characters.

Acceptance Criteria:

- The program should prompt the user to enter the first string.
- The program should prompt the user to enter the second string.
- The program should output whether the entered strings are anagrams or not.
- The comparison should be case-insensitive and ignore spaces.

2. As a User, I want the anagram check to handle input with different cases, so that "Listen" and "Silent" are considered anagrams.

Acceptance Criteria:

- The program should treat uppercase and lowercase characters as equivalent when checking for anagrams.
- For example, "Listen" and "Silent" should be considered anagrams.

3. As a User, I want to ensure that the anagram check works correctly for phrases with spaces, so that "Astronomer" and "Moon starer" are identified as anagrams.

Acceptance Criteria:

- The program should ignore spaces when comparing the strings for anagrams.
- For example, "Astronomer" and "Moon starer" should be considered anagrams

TEST CASE DOCUMENTATION

Test method name	Test description	Input	Expected output	Actual output
TestCase1:: Test_Anagram_Checker	Check whether the two strings are valid anagram	silent listen	TRUE	TRUE
TestCase2: Test_Anagram_Checker NonAnagram	Check whether the two strings are not valid anagram	hello java	FALSE	FALSE
TestCase3:: Test_Anagram_Checker With_Spaces	Check whether the method ignores the spaces or not	Astronomy Moon starer	TRUE	TRUE
TestCase4: Test_Anagram_Checker Anagram With_DifferentCases	Check whether the method ignores different cases (not case sensitive)	Debit card Bad credit	TRUE	TRUE

TestCase5:: Test_Anagram_Checker Anagram With_Numbers	Check whether the two strings are valid anagram if the strings are numbers	1234 4321	TRUE	TRUE
TestCase6:: Test_Anagram_Checker Anagram With_EmptyString	Check whether the method handles empty strings or not	""	TRUE	TRUE
TestCase7:: Test_Anagram_Checker Anagram With_MixedCharacters	Check whether the method works correctly for mixed characters	abc 123	FALSE	FALSE
TestCase8:: Test_Anagram_Checker Anagram With_SpecialCharacter	Check whether the method handles special characters correctly	hello h@llo	FALSE	FALSE