

1. Ask a number input from the user, and display a message whether that number is prime or not.

Ex: 1 is not a prime number | 17 is a prime number

2. Ask a string input from the user, and display a message if the string entered is palindrome or not.

Ex: "aibohphobia" when reversed is still "aibohphobia"

3. Ask a number input from the user, and display a message if the entered number is an Armstrong number.

Ex: $1^3 + 5^3 + 3^3 = 153$

Note:

- Also handle edge cases and bad inputs appropriately.