

# Prime Number Challenge

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Please create a simple Android, iOS, or web app that allows the user to enter a number, and then press a button to learn if that number is prime. The app's main activity should have the following:

- A field for the user to enter a number.
- A button for the user to press.
- An output field that displays whether or not the entered number is a prime number.
- The app should not crash if the user enters something other than a number. It should behave gracefully, perhaps by preventing the user from entering non-numeric characters, or showing an error message if it couldn't understand the input.

So for example, if the user enters a 2, 3, 5, or 7, the app should display "Yes" or "True" or something similar. If the user enters a 4, 9, or 15, the app should display "No" or "False" or something similar.

References: [Definition of prime numbers \(Wikipedia\)](#)

When ready, please reply with a link to the [GitHub](#) repository containing your solution.