# An interesting topic name here 

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April 29, 2021

## Outline

1 Introduction

2 Literature Review

## There Is No Largest Prime Number

Theorem
There is no largest prime number.
1 Suppose $p$ were the largest prime number.
2 Let $q$ be the product of the first $p$ numbers.
3 Then $q+1$ is not divisible by any of them.
4 But $q+1$ is greater than 1 , thus divisible by some prime number not in the first $p$ numbers.

## A longer title

- one
- two

