

## I.8 Primality Function

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Programming for Problem Solving

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For my primality function, I decided to use a simple and effective test for primes, test every value greater than 2 and less than the number being checked. If the value is divisible by any of values then a false is returned to the program and that value is determined not to be a prime. If the value being checked is not divisible by any of the values then it is determined to be prime and a true is returned and that value is added to a list of primes. The list of primes is then added to until it reaches the desired number of primes and the final prime is displayed.

While there are other ways to determine the primality of a number, this seemed to be simple and effective when only a single parameter can be passed to the primality check function.