

Prime Func

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February 2019

The def function works by first checking to see if any number that comes before the parameter divides the parameter, and if it does it adds the number to an empty list and breaks the loop. After it has done all its iterations, or broken the loop, it then compares the list to an empty list. If they are equal the function returns true and if they are not it returns false. For the while loop section I have a variable p set to one and for each iteration of the loop p is increased by one. The new p is then run through the def function and if it returns true p is added to a list. This continues until the length of the list is no longer less than the n you give it. After that it prints the last term on that list which is the n'th prime number.