Prime numbers are an important concept not only in mathematics, but also in computer science, cryptography, and many other fields. The modern internet exists because different computers can communicate privately without interruption from malicious parties. Our information stays confidential precisely because of current cryptography algorithms that are based on enormous prime numbers. Very big prime numbers, in fact. In this Prime Numbers project, I devised a program for identifying such numbers and created a function that counts prime numbers in a given range of numbers.