Find Primes

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In this assignment, I will show you how to write a program in Python that can tell whether a number is prime or composition. Because sometimes it's hard for us tell if a number is prime or composite by one sight.

Figure 1: This is a margin figure. Here is where you put the caption for your margin figure.

Representing Python Code in Your Assignment

```
a=4

for x in range(2,a):
    a%x==0
    print "this number is a composite"
    break

else:
    print "this number is a prime"
```

When a=4, then we check if "a" has a factor in the range of 2(which is the smallest prime number) to (a-1). If there is a factor in that range, the number is a composite number; if there is not, then this number is a prime number.

```
the number is composite
```