Prime Classifier

Nico

September 24, 2015

Programming is definitely important. Hundreds of universities, thousands of professors, and scores and scores of students and practitioners teaching, learning and practicing the discipline are enough testimony to the fact. Examples of why programming is important are:

- To interact with machines and computers
- To harness the power of computing in all human endeavor
- To automate tasks
- To create intelligent machines,etc

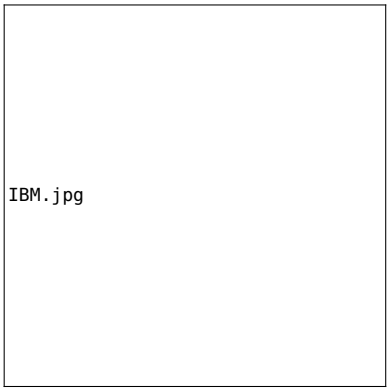

Figure 1: This is a margin figure. Here is where you put the caption for your margin figure.

Distinguishing Between Prime and Composite

Distinguishing between prime and composite numbers is easy. It gets harder when the number get bigger. This program will make it easy.

```
$ git pull -u origin master
```

This is a margin note you can use to comment on what you are doing in the command line.

The Code

```
a= input ("Please input a positive number: " )
b="prime"
for x in range(2,a/2+1):
    if a%x==0:
        b="composite"
        break
print "the number is "+b
```

In this code I let the user to input ant number. The code "a= input ("Please input a positive number: ")" will let the user to input any POSITIVE number.

```
the number is a prime or composite, depending on the
number that was input by the user.
```