

## *Finding Primes*

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The code or solution (IDLE) finds primes or compounds with the use of coding. We can achieve this by using a for loop and/or a range. This method is very efficient and precise using only two variables a and b. Note that you can always change the variable for a bigger range etc.



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

### COMMAND LINE STUFF

This is how you can represent things you are entering into the command line terminal. Note the use of the dollar sign like the terminal has.

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

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

### REPRESENTING PYTHON CODE IN YOUR ASSIGNMENT

```
a=21
b="prime"

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

Here you can comment on your python code.

```
the number is composite
```

This indicates the output of your program.