

# *Python Commands and Learning LaTeX*

*Ilya Michurin*

*September 18, 2015*

I am going to present you my formula how to work with prime number with the help of the coding program Python. It is really helpful, but a bit sloppy as well. By the way, if you just begin your coding way, this one will be perfect for you.



Figure 1: This is the PYTHON LOGO.

## COMMAND LINE STUFF

Let's begin with a command that will help you to get your files from your github.com repository.

```
$ git pull -u origin master  
or  
$ git clone https://github.com/....../.....git
```

You can use this command to get files from your or someone's repository "github.com".

## REPRESENTING PYTHON CODE IN YOUR ASSIGNMENT

```
while True:  
    num = int(input("Enter a number: "))  
    if num > 1:  
        for i in range(2,num):  
            if (num % i) == 0:  
                print(num,"is not a prime number")  
                break  
        else:  
            print(num,"is a prime number")  
    else:  
        print(num,"is not a prime number")
```

I use the command while True to make a loop and instead of print ..., I used input("Enter a number". After you just have to put your own range for number that more than one, at the end don't forget about command "break" to stop the process.

```
the number is prime or it is not prime
```

This indicates the result of your command