"Baby" Report on - Prime Number checking Program

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In this report I will present my code to check whether a number is prime or composite which is written in Python

Figure 1: This is a picture of Python' Symbol.

SOFTWARE

This is what you will need for the following code or Program to work

```
Python 2.7.10 Downloaded and installed
```

PYTHON CODE

```
a=int(input("ENTER A NUMBER  "))

for x in range(2,a)
    if a%x==0:
        print "IT IS A COMPOSITE NUMBER"
        break
else:
        print "IT IS A PRIME NUMBER"
```

Enter the number you want to check whether it is prime or not and hit enter.The following code will state whether the number that you have input is Prime or Composite

```
1) IT IS A COMPOSITE NUMBER
2) IT IS A PRIME NUMBER
```

This will be the output of the program if the number is Composite labled as 1. If it is a prime number, the output will be the output labled number 2