

# *The python code explanation*

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September 24, 2015

Determine a number is odd or even is an easy mathematics problem, but when the number becomes extremely big, such as 382472 or 7492734283, you need huge mounts of calculate to figure it out, normal people can't do it. Now, you can simply use your python code to help you find the answer.



Figure 1: IT IS A PICTURE (SOMETHING I DON'T KNOW)

## PYTHON!

This python code could analyse and distinguish the number is even or odd. A could be any rational number if  $a/2 == 0$ , if  $a$  divided 2 equals 0 this number must be even, if not this number is odd.

## PYTHON CODE

```
a=4
if a/2==0:
    print "this number is even"
if a/2==1:
    print"this number is odd"
```

Type it in your IDLE!

Outcome: This number is even

The output of your program.