Assignment #2:

Date of submission 27th January

Implement Miller-Rabin test for primality

IsPrime.cpp or IsPrime.py

On command line pass an integer (say n) (in decimal) and it should print an answer

Yes, n is a Prime or **No n is composite**

(it should print the value of n)

See Page 139 : of HAC:

4.24 Algorithm Miller-Rabin probabilistic primality test(use t=100).

For C++ you may use mpuint.h available at:

http://www.efgh.com/software/mpuint.htm

which enables you to deal with large numbers

Test your code to check:

 6545278288068847200519
12778788600508904955729281
13342287993048969646440182000128174251611899
1691275942780855307295600673440086973284641

All these are composite.

9233483647875427739
61897001964269013744956 2111
162259276829213363391578010288127

These are prime