01: Create a folder somewhere that you can find it
02: Create a .ini file in notepad, with these lines:

```
base=3
mink=20000000002
maxk=20100000000
c=-1
npgfile=1,1_.txt
npgfile=2,2_.txt
npgfile=3,3_.txt
npgfile=4,4_.txt
npgfile=5,5_.txt
npgfile=6,6_.txt
npgfile=7,7_.txt
npgfile=8,8_.txt
npgfile=9,9_.txt
npgfile=10,10_.txt
npgfile=11,11_.txt
npgfile=12,12_.txt
npgfile=13,13_.txt
npgfile=14,14_.txt
npgfile=15,15_.txt
npgfile=16,16_.txt
npgfile=17,17_.txt
npgfile=18,18_.txt
npgfile=19,19_.txt
npgfile=20,20_.txt
npgfile=21,21_.txt
npgfile=22,22_.txt
npgfile=23,23_.txt
npgfile=24,24_.txt
phase=80,50000,500000
phase=300,30000,3000000
phase=1000,20000,10000000
phase=3000,10000,30000000
phase=9000,5000,100000000
phase=25000,1000,300000000
```

03: Change the base number to the base you desire to start
04: Change the mink= to your minimum k in your desired searchrange
05: Change the maxk= to you maximum k in your desired searchrange

Note to 4 and 5: The number for k has to be written cleanly, without decimals/commas

06: Change the c= value to ”1” if you search the Sierpinski side or ”-1” if you search the Riesel side
07: change the phases to match the limits of your base. Please notice that you have to use -Bspec with PFGW to find out the appropriate values for the phases. The system for the phase is, phase=nmax,amount_of_k's,optimal_sievedepth

08: Download NewPGen to your folder created in step 1, from:
https://primes.utm.edu/programs/NewPGen/newpgen.zip

09: Download srsieve (64 bit version if you have that kind of system) to your folder created in step 1, from: http://www.bc-team.org/downloads.php?view=detail&df_id=72

10: Download pfgw64 (console version of PFGW) to your folder created in step 1, from: http://sourceforge.net/projects/openpfgw/files/

11: Download srbsieve to your folder created in step 1, from: http://www.mersenneforum.org/showpost.php?p=406300&postcount=76

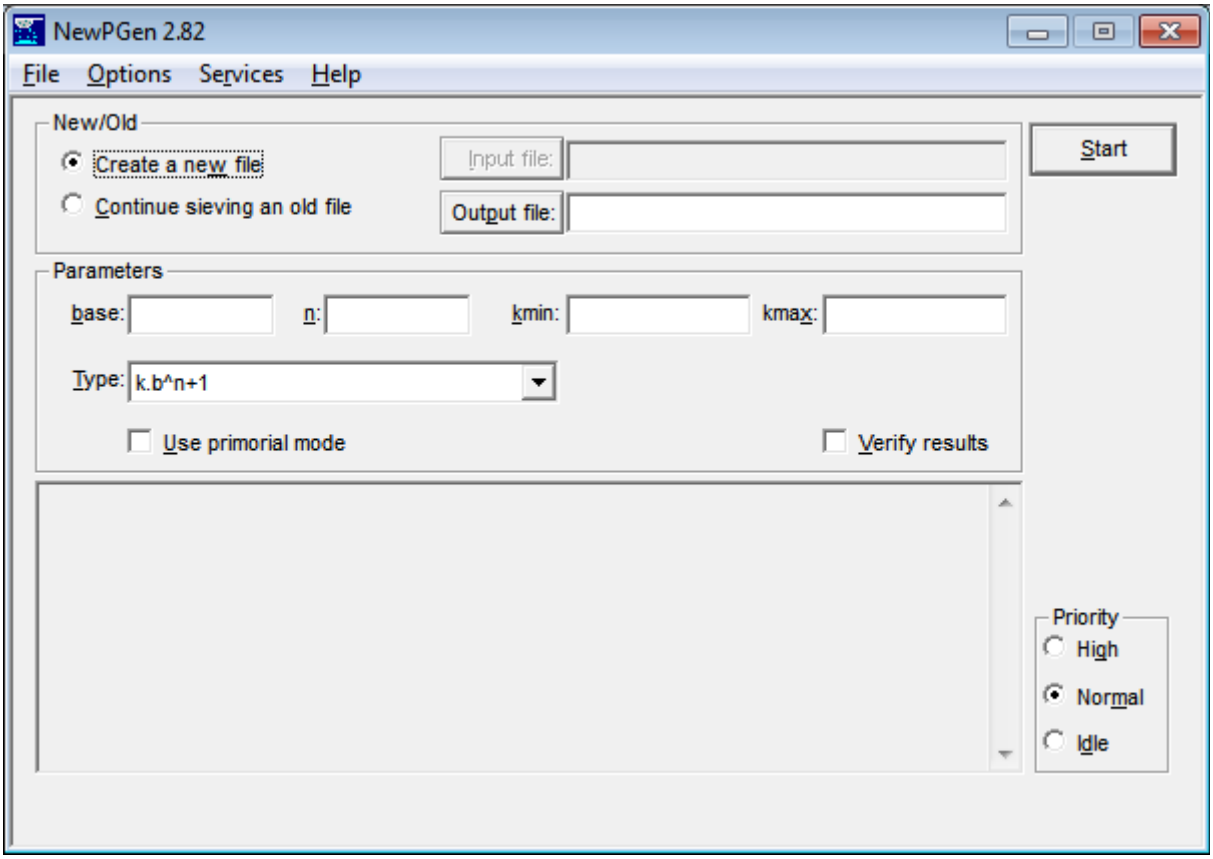
12: Unzip NewPGen in your mainfolder created in step 1

13: Unzip srsieve in your mainfolder created in step 1

14: Unzip Pfgw64 in your mainfolder created in step 1

15: Unzip srbsieve in your mainfolder created in step 1

16: Open NewPGen and you should see something like this:



17: Push the ”Output file:” button

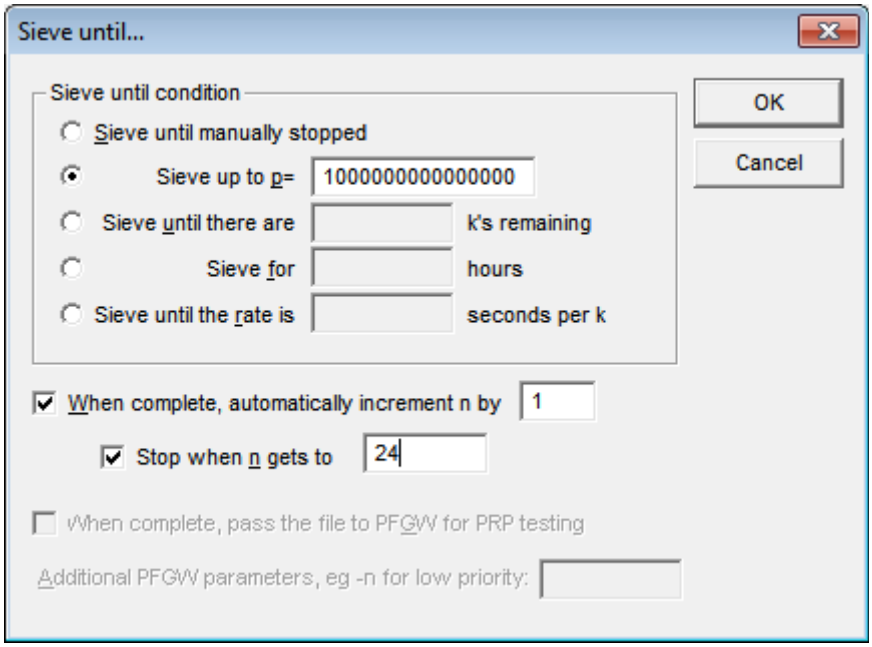
18: Now make sure that NewPGen wants to save in the same folder as you have your srbsieve.exe file

19: In the ”Filename:” field, write following entry: .txt

20: Push the Save button

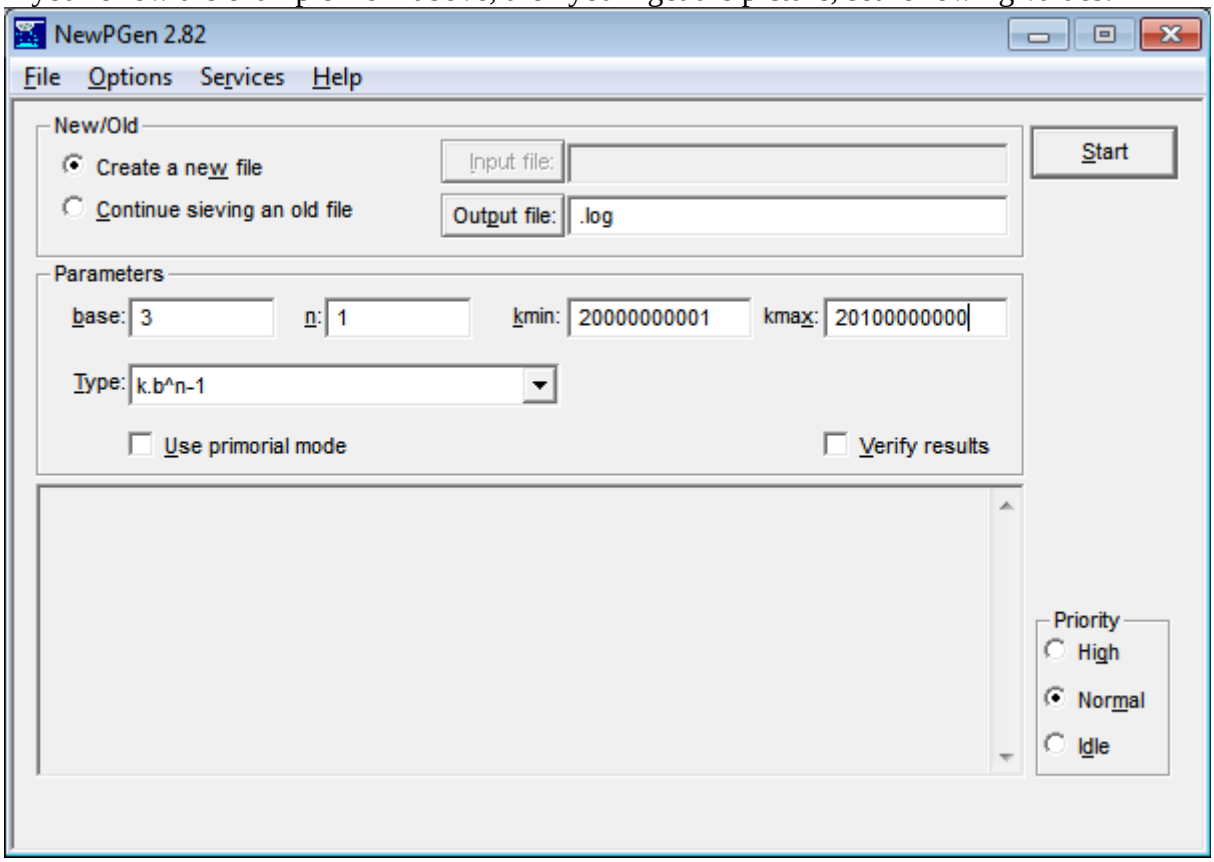
→ This will make all your NewPGen files be named n-value_.txt

21: Push the ”Options” button
22: Push the ”Sieve until...” button
23: Activate the ”Sieve up to p=” field and type following number: 1000000000000000
24: Activate the ”When complete, automatically increment n by” field and keep the 1
25: Activate the ”Stop when n gets to” and change the 1 to 24



26: Push ”OK”

27: If you follow the example from above, then you'll get the picture, set following values:



28: Push start and wait for NewPGen to complete (should take about 90-100 minutes) and produces 24 .log files

29: On completion, close NewPGen (entirely shut it down)

30: Start srbsieve and srbsieve will now work untill it completes the range you entered at the beginning. In the beginning for R3 we determined we had to do 6 phases, so untill srbsieve completes base 6 and reaches n=25K srbsieve will run without any need from the user. Once srbsieve completes the final phase it automatically shuts down and your range is complete :)