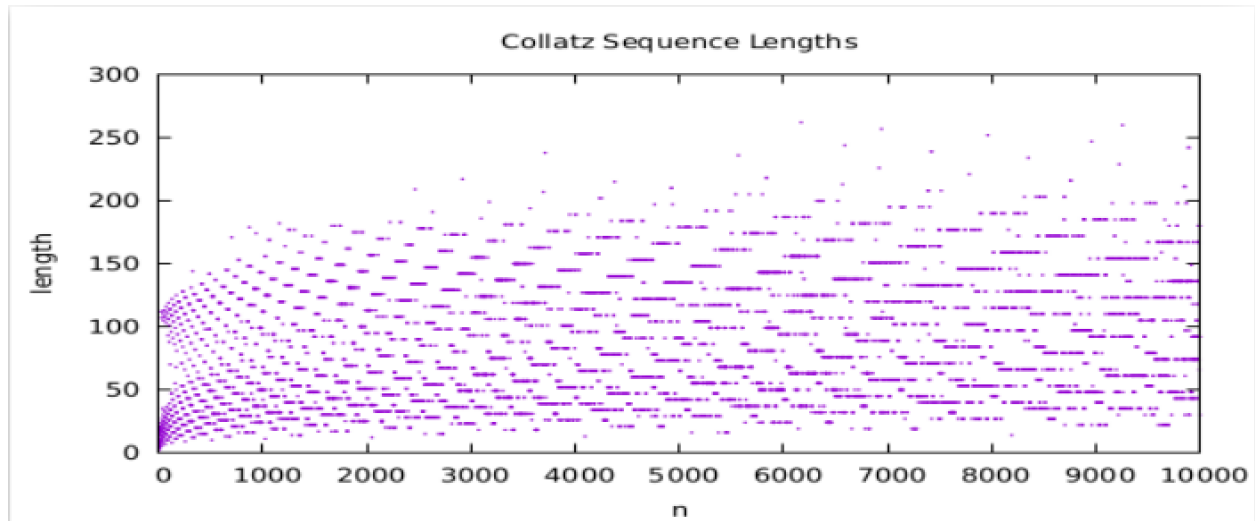


Writeup

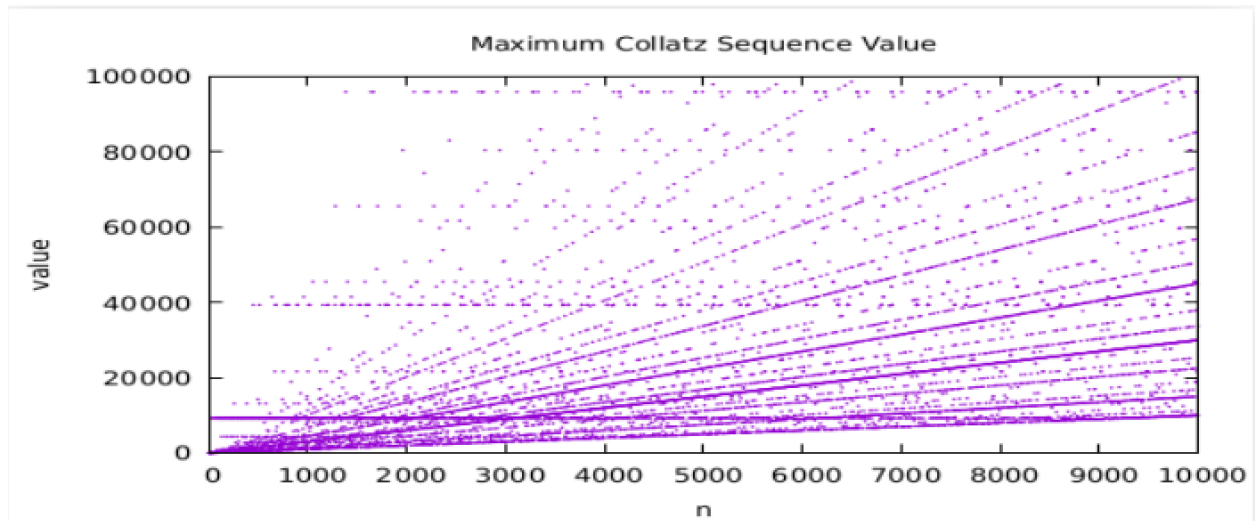


UNIX Commands for Graph:

for: For was used so collatz could run for all values of n between 2 and 10,000.

echo: Used to send n to output.

wc: Used to get the length of the output of the collatz function.



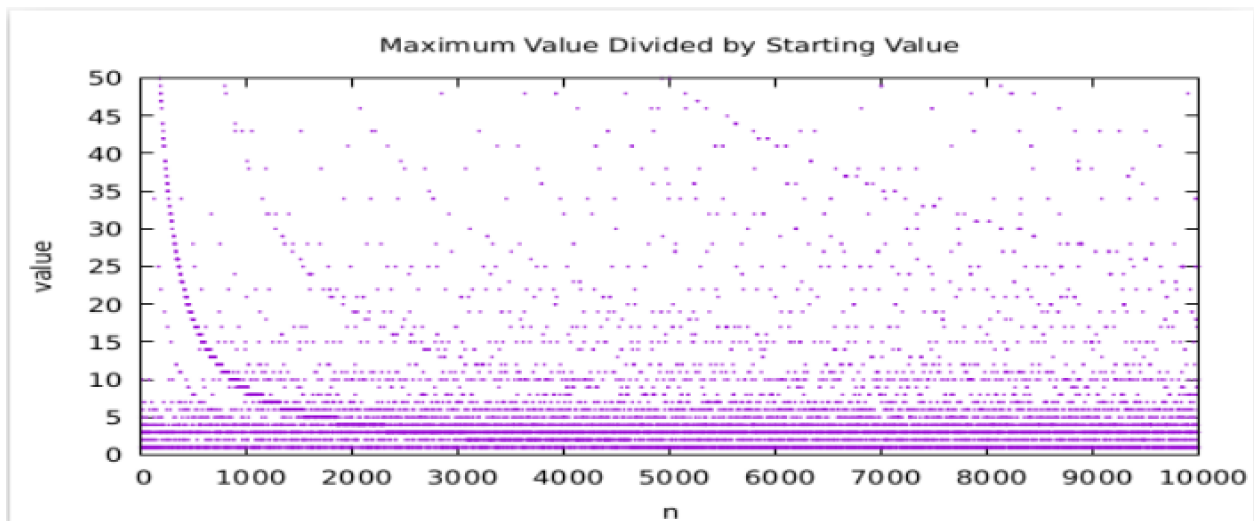
UNIX Commands for Graph:

for: For was used so collatz could run for all values of n between 2 and 10,000.

echo: Used to send n to output.

sort: Used to sort output of collatz function so the maximum value can be obtained.

tail: Used to get the last value which is the maximum because they are sorted numerically.



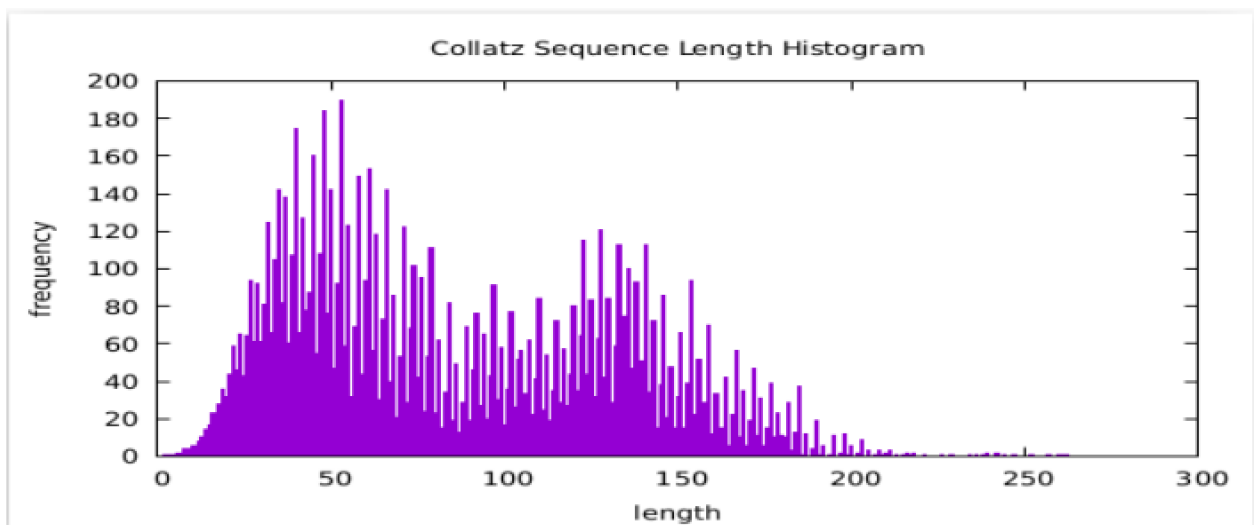
UNIX Commands for Graph:

for: For was used so collatz could run for all values of n between 2 and 10,000.

echo: Used to n followed by the result of division to output.

sort: Used to sort output of collatz function so the maximum value can be obtained.

tail: Used to get the last value which is the maximum because they are sorted numerically.



UNIX Commands for Graph:

for: For was used so collatz could run for all values of n between 2 and 10,000.

wc: Used to get the length of the output of the collatz function.

sort: Used to sort numerically so **uniq** can be used to count frequency.

uniq: Used to count frequency of lengths.

awk: Used to swap first and second column