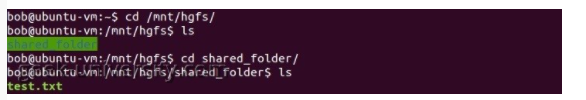
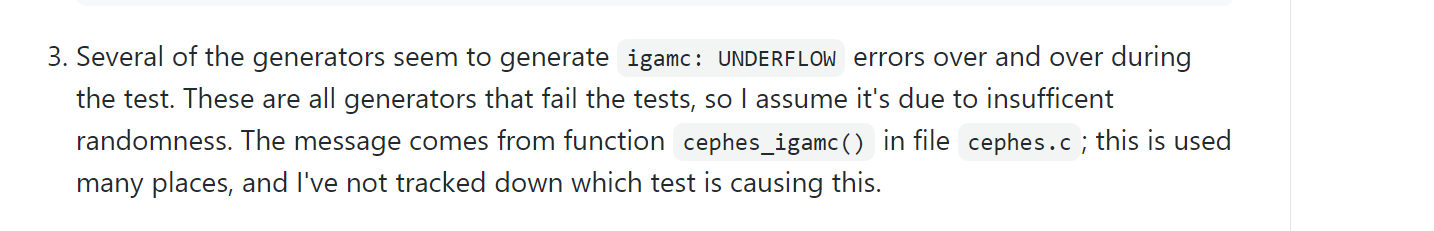
遇到困難:

1. 在執行test code時，出現無法找到log file的error，解決辦法是要先執行experiment file裡面的create-dir-script，讓每個file裡面都生成相對應的資料夾。
2. Shared\_folder:
3. 是不是不用分割檔案，直接丟整個大的file進去跑就好?
4. 跑一次 的要多久?

* NOTE:



Parameter Selection:

1. Frequency (Monobit) Test:

* Input size:

1. Frequency Test within a Block:

* Parameters:

M: The length of each block.

n: The length of the bit string

(The number of blocks.)

* Input size:

1. Runs Test:

* Input size:

1. Test for the Longest Run of Ones in a Block:

* Input size:

1. Binary Matrix Rank Test:

* Input size:

1. Discrete Fourier Transform (Spectral) Test

* Input size:

1. Non-overlapping Template Matching Test:

* Parameters:

m: The length in bits of each template. The template is the target string.

n: The length of the entire bit string under test.

ε: The sequence of bits as generated by the RNG or PRNG being tested; this exists as a global structure at the time of the function call;

* Input size:

m = 9 or 10 for meaningful results.

N=8(specified in the test code, N<100)

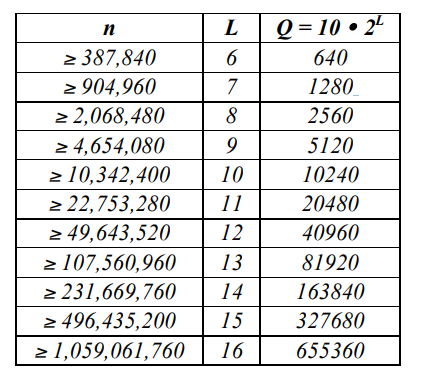
1. Overlapping Template Matching Test:

* Input size:

m = 9 or 10 for meaningful results.

1. Maurer’s “Universal Statistical” Test: \*(L不用設定嗎)

* Input size: L=7



1. Linear Complexity Test:

* Parameter:

M: The length in bits of a block.

n: The length of the bit string

* Input size:

1. Serial Test:

* Parameter:

m: The length in bits of each block.

n: The length in bits of the bit string.

* Input size:

1. Approximate Entropy Test:

* Parameter:

m: The length of each block – in this case, the first block length used in the test. m+1 is the second block length used.

* Input size:

1. Cumulative Sums (Cusum) Test:

* Input size:

1. Random Excursions Test:

* Input size:

1. Random Excursions Variant Test:

* Input size:

REF:

<https://www.itread01.com/p/170336.html>

我目前的作法是寫了一個.sh的script去跑100個file，然後每次把finalAnalysisReport.txt儲存起來，所以總共會有100個這種report，想問助教說我目前這樣做法是否正確?