Report of Assignment4

Target:

to measure the time and check value in different CRC algorithms.

Method:

I used visual studio 2019 to run the test. According to read the txt.file of “War and Peace”, I get the running time in different CRC Algorithms. I used Powershell to run the code, but somethings wrong and I can’t get the answer. I didn’t run the code on snoopy before, so I am confused to how to use it. There is no snoopy result.

Result:

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD\Parameter | Slow\_Time | Fast\_Time | Check\_Value |
| CRC\_CCITT | 0.282000s | 0.021000s | 0x29B1 |
| CRC\_16 | 0.405000s | 0.174000s | 0x2F49 |
| CRC\_32 | 0.368000s | 0.204000s | 0xCBF43926 |

The Time result is not same every time, but the value is closed.