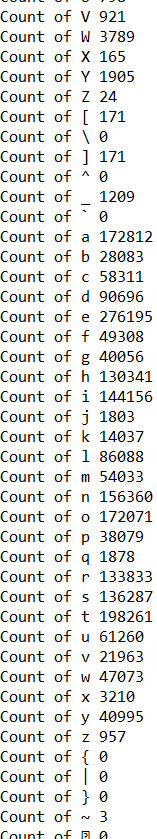
**Name: Ali Hassaan Mughal Reg : 173627**

**CS 6B Assignment 2 Advanced Programming**

**Methodology : I created 10 threads, each was given a task of handling 1/10 part of each file. At the end I calculated the commulative count from each part and combined it to form total frequency in the With Threading version. In the normal version there was the whole file passed to a function as character array where each character of file was counted.**

|  |  |  |
| --- | --- | --- |
| **Size** | **With threading ms** | **Without Threading ms** |
| **~950000 Characters** | **0.9396** | **6.4087** |
| **~2800000 Characters** | **4.6126** | **8.0665** |

****