CSC8014 GPU Programming **Spring 2018**
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Final Project Report: Histogram

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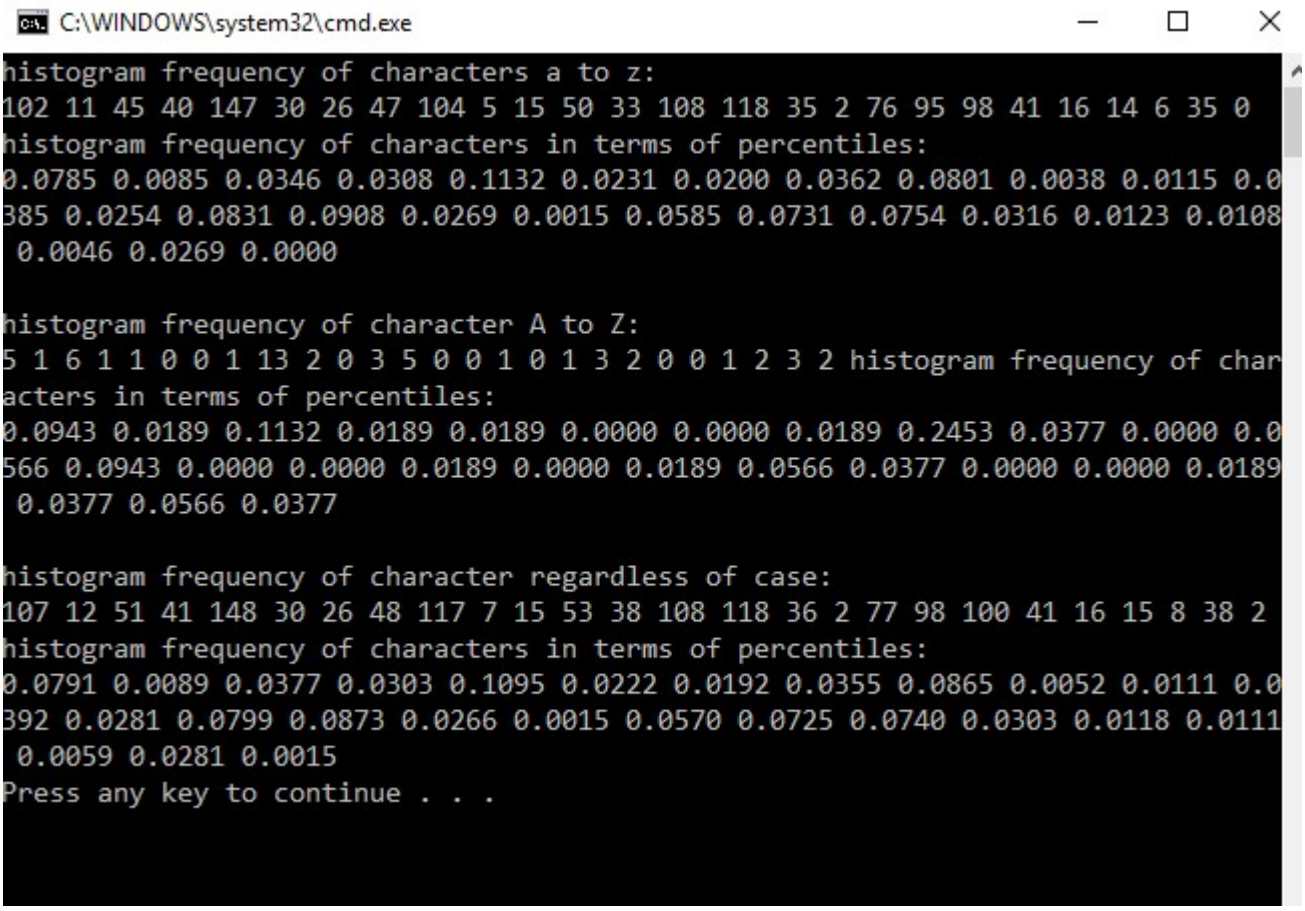
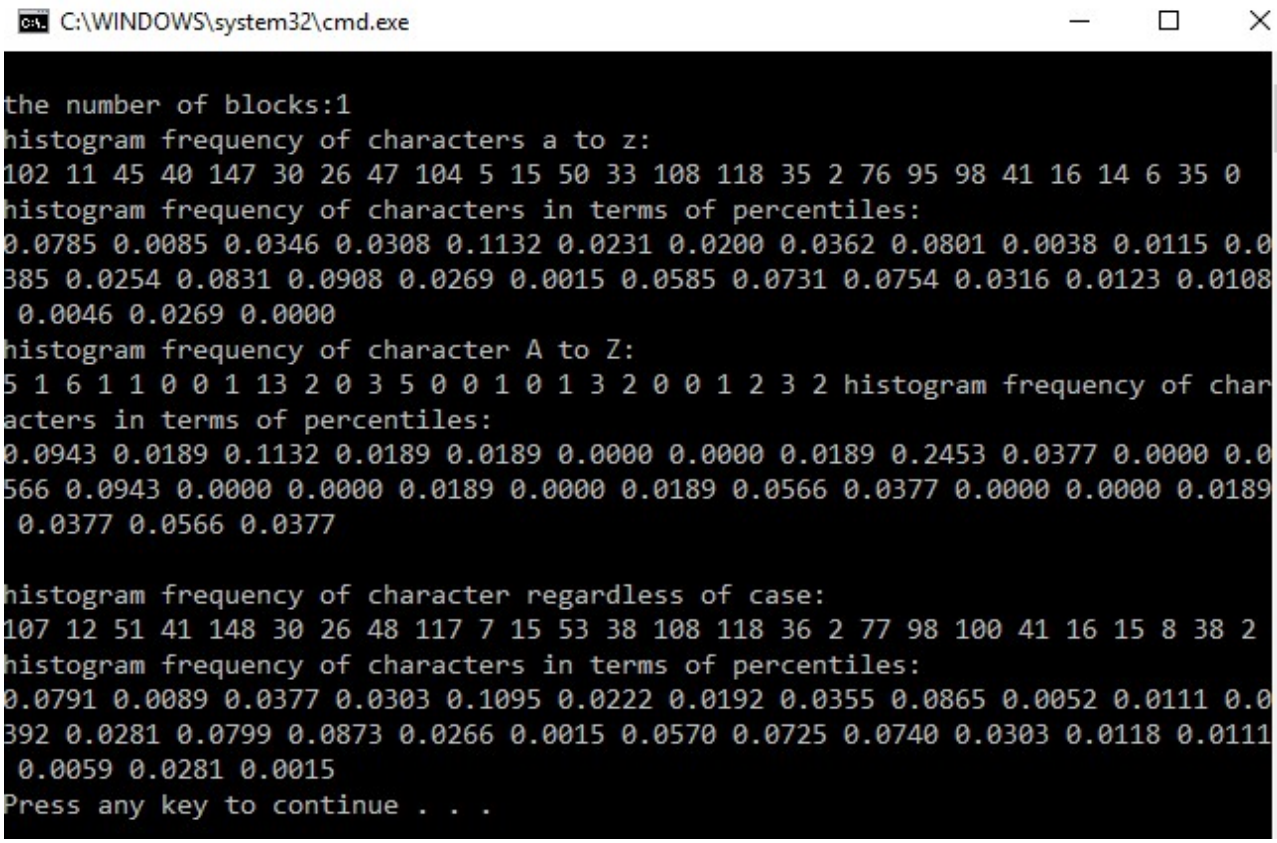
1. **For input file input_test.txt**

   A. **The results of histogram computation for characters a to z with CPU version:**

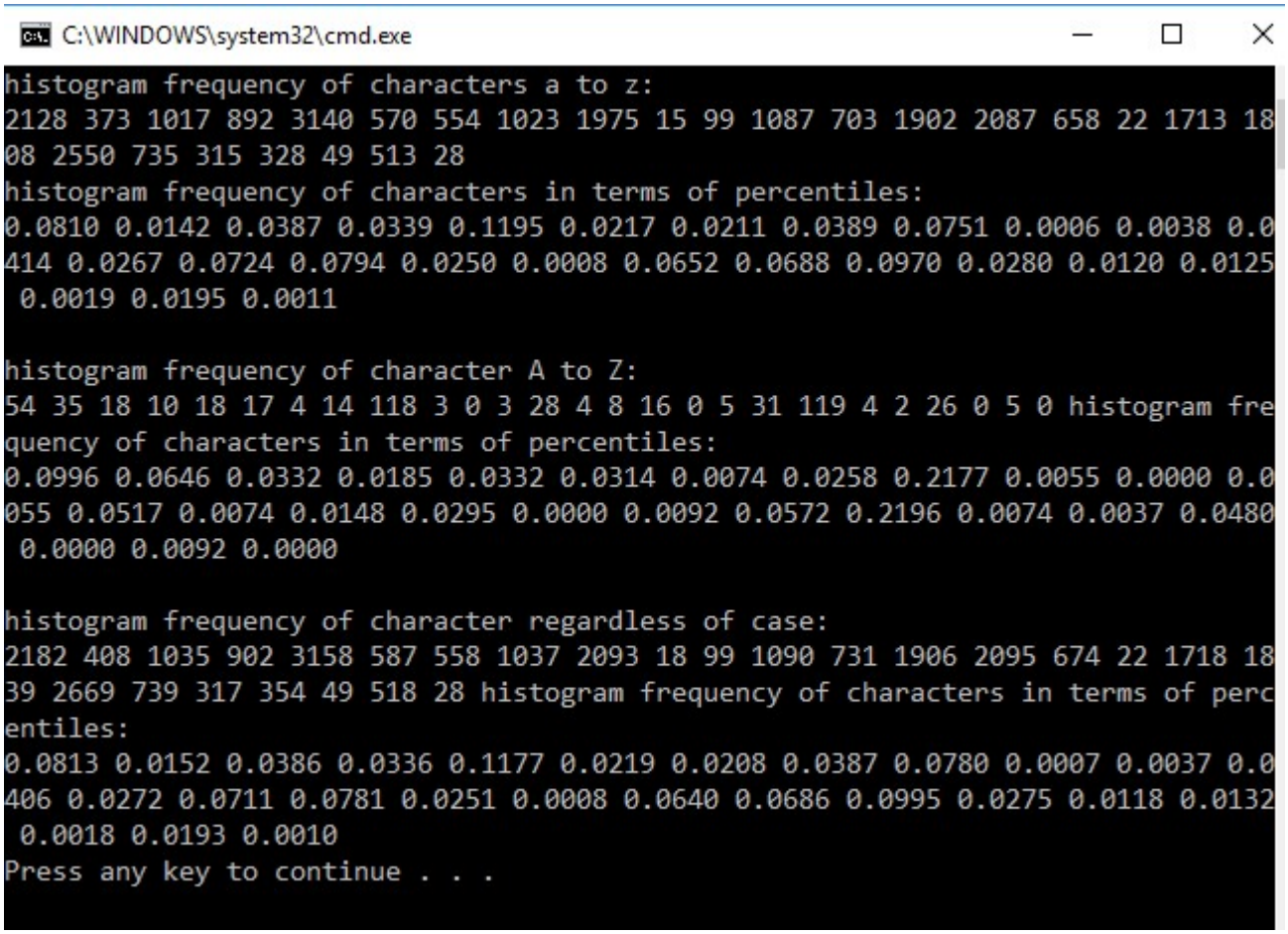


B. The result of histogram computations for characters a to z, that for characters A to Z and result of histogram for all letters regardless of case are shown in following (implement in GPU versi

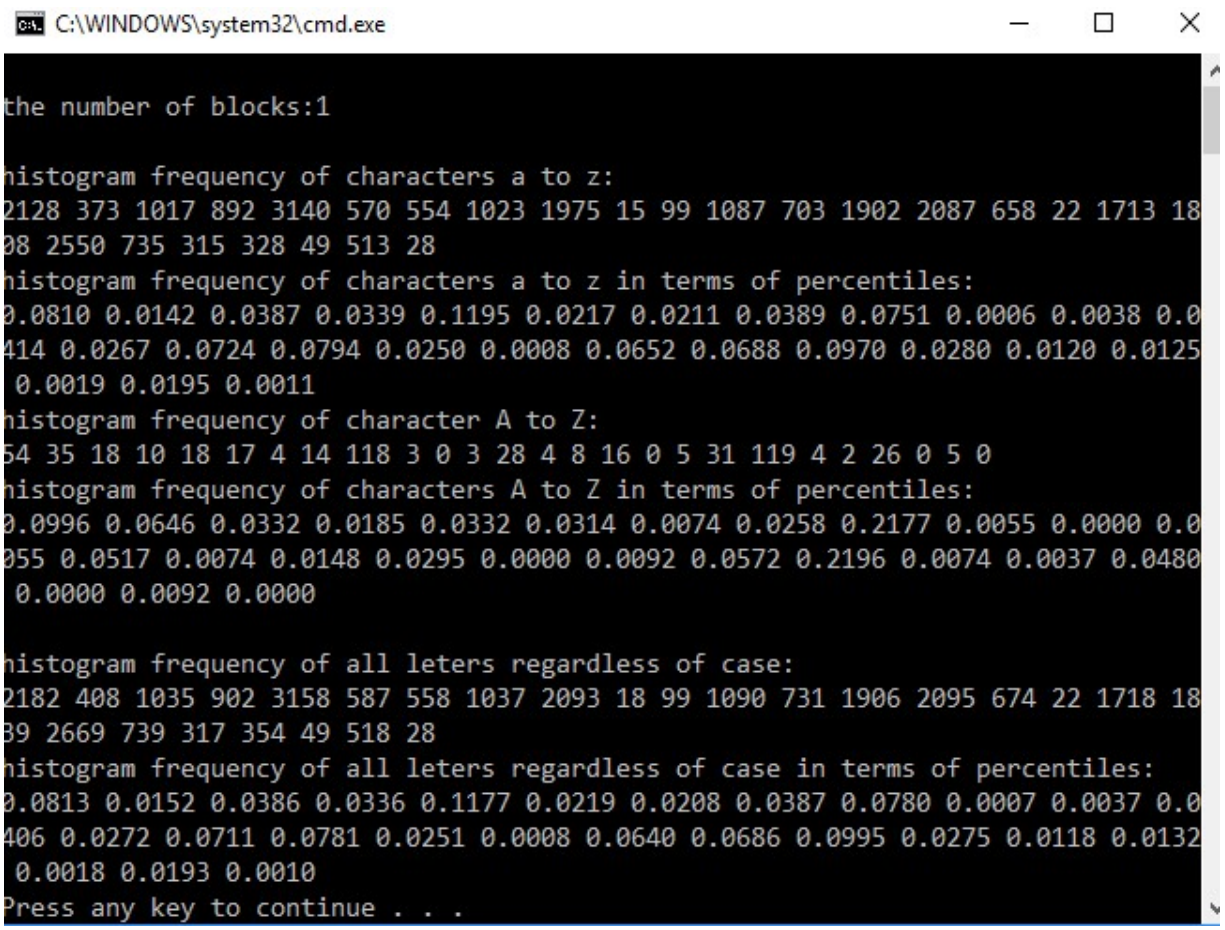


2. **For input file input_data.txt**

   A. **The results of histogram computation for characters a to z, A to Z and all letters including both upper and lower case with CPU version is shown as following:**



B. The results of histogram computation for characters a to z, A to Z and all letters including both upper and lower case with GPU version is shown as following:



Conclusion:

It can be seen that for same input file, the results of histogram computation using CPU and that using GPU are exactly same, therefore the code of application implemented by GPU is correct.