ESE 471 Assignment #1

Source Encoding: NY Times Article

Assigned Date: February 8, 2017

Due Date: February 20 (Monday) in class.

This is a group assignment.

I have attached a file that contains an article from the NY Times. Your group will develop the “best” way to transmit this article by source encoding the content of the article.

Your group will determine the entropy of the article, develop a source encoding scheme, and report the total number of bits in the encoded article.

Here are the steps you should take.

* Your group will meet outside the class as soon as possible, and spend sufficient time to start working on this assignment.
* Your answer should be in a written report (one per group), written concisely. (No more than 5 pages.) The length of the report is not important.
* You should clearly divide the responsibilities among the members of the group. Be considerate and be fair.