Name: Mohamed Maged Abdallah soliman

B.N: 781

Code: ECE001

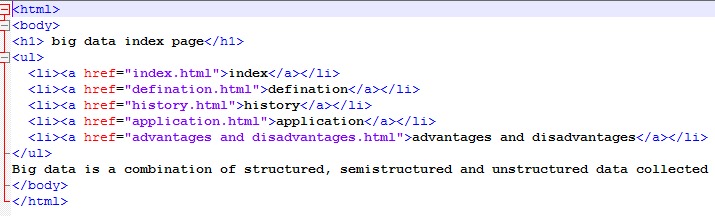
**brief section**

Big data is a field that treats ways of analyzing, systematically extracting information from, or otherwise dealing with data sets that are too large or complex for traditional application software for data processing to handle. Data with more cases (rows) have greater predictive power whereas data with higher complexity more attributes or columns) will lead to higher false discovery rates.

Big data challenges include data capture, data storage, data analysis, search, sharing, transferring, visualizing, querying, updating, privacy and source data. Big data originally included three main concepts: quantity, variety, and speed. While dealing with big data, we cannot survey but simply observe and monitor what's going on.

Big data therefore often includes data with sizes that exceed the traditional software's capacity to process within an acceptable time and value.

**Screen shoot section:**

****

