1. Write a paper of size 1 or 2 page(s) on one of the following earthquakes:
   1. ~~Northridge Earthquake in LA, 1994~~
   2. ~~Loma Prieta Earthquake~~
   3. ~~Mexico Earthquake of 1985~~
   4. ~~Chilean Earthquake~~
   5. ~~Philippine Earthquake~~
   6. ~~Iranian Earthquake (Tabas, etc.)~~
   7. ~~Kobe Earthquake~~
   8. ~~Twain Ji Ji Earthquake, 1999~~
   9. ~~Turkey Ismit Earthquake, 1999~~
   10. **Bam Earthquake in Iran, 2004**
   11. **Peru Earthquake, 2007**
   12. **A recent Earthquake**

Choose on of the earthquakes given above and study and report the following information about the chosen Earthquake:

* Earthquake Magnitude.
* Richter Magnitude or ML magnitude.
* Seismic Moment Magnitude,
* Maximum Acceleration,
* Type of Faulting,
* Damage to Buildings and Human Losses.
* Type of Earthquake Waves,
* Information about Attenuations, and
* Previous Earthquake Activities in the Area.

Good Source of information will be the following:

* Bulletin of the Seismology Society of America, and - (good for engineers and seismologists)
* Earthquake Spectra - (for Engineers)
* Journal of Geophysical Research - (for seismologists)
* world wide web pages (EERI, MAEC, MCEER, USGS, PEER, Etc.)