**CS590 Big Data Analysis**

**Lab2**

* **Implementing an application showing following activities:**

-Gyroscope

-Time

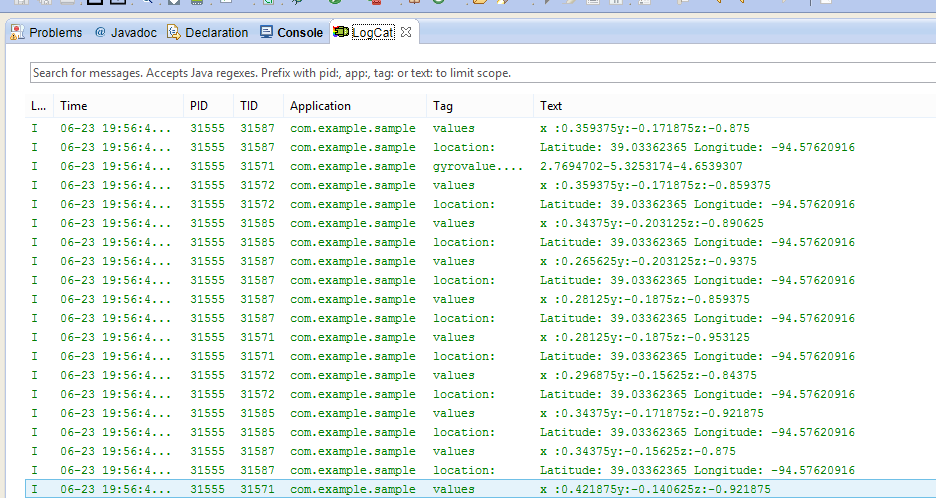
-GPS (latitude and longitude)

-Acceleration

* When we run android application following output will be appear.

Devices used (galaxy nexus7 and sensor device)

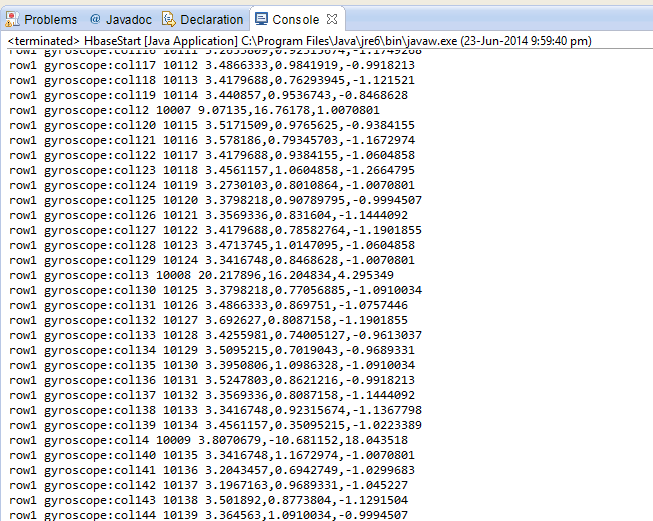
User DDMS perspective-> logcat ->info (navigate to see the output)

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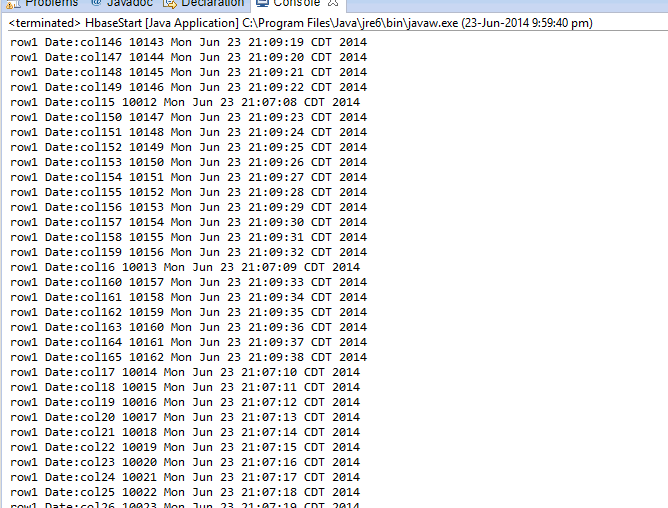
* After execution ,under astrofile manager a file will be generated named “sensor.txt” where all actives above listed will be shown.
* **Now executing Hbase client application and inserting generated txt file into Hbase**

-Following output will be produced after inserting “sensort.txt”

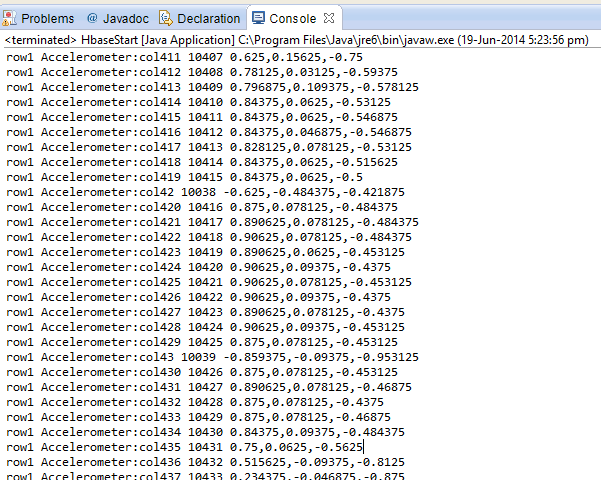
Operation performed using above application: a) createtable b)inserttable c)reterive table c) fetiching all rows d) deleting table e) fetching all table values.



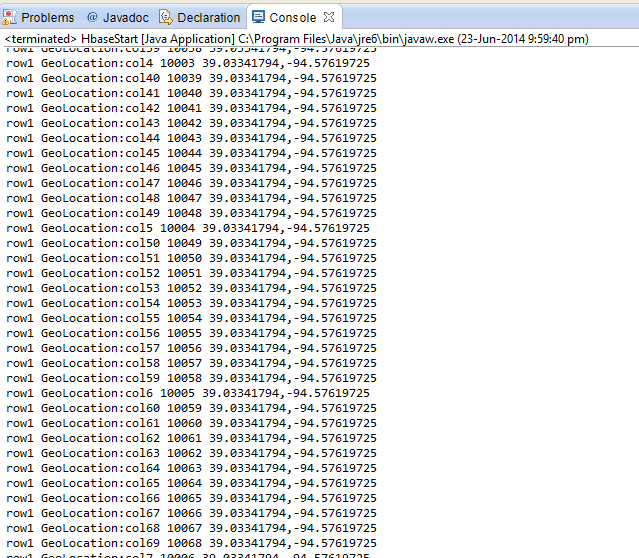
**Displaying gyroscope**



**Displaying date parameters**



**Displaying accelerometer**



**Displaying Geolocation**