Submitted by:

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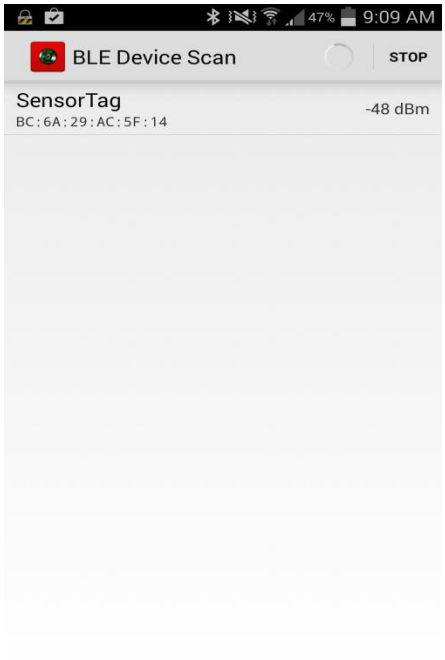
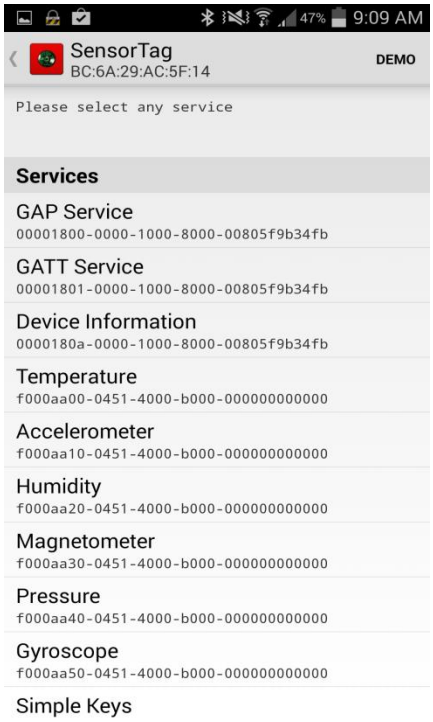
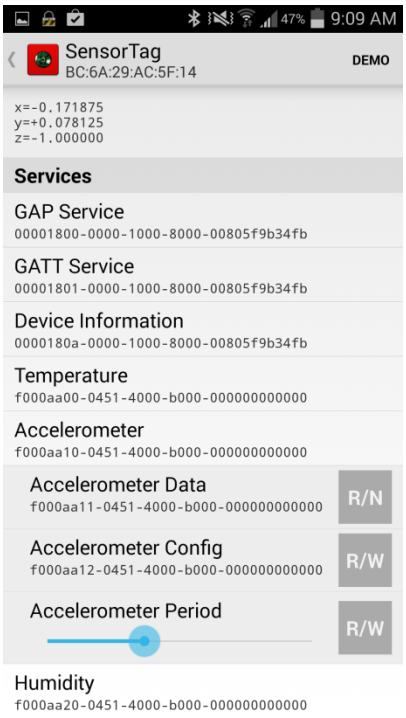
TASK1:

Subtask 1 : TI Sensor Tag with Android Sensor Tag

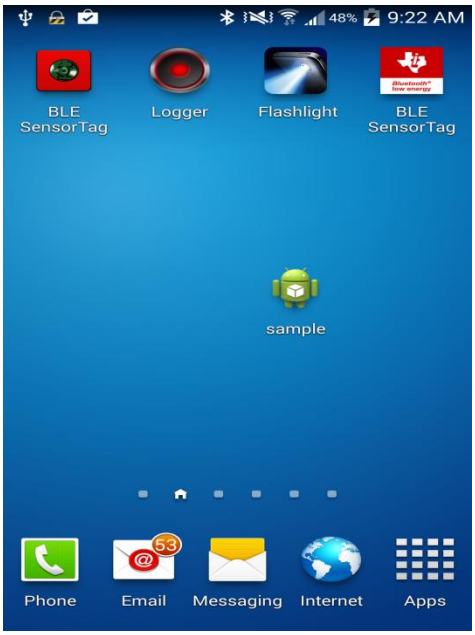
We Downloaded the BLE Sensor tag app from the Google play. The BLE sensor tag is connected to the sensor tag via bluetooth which enables us to see the readings in the app



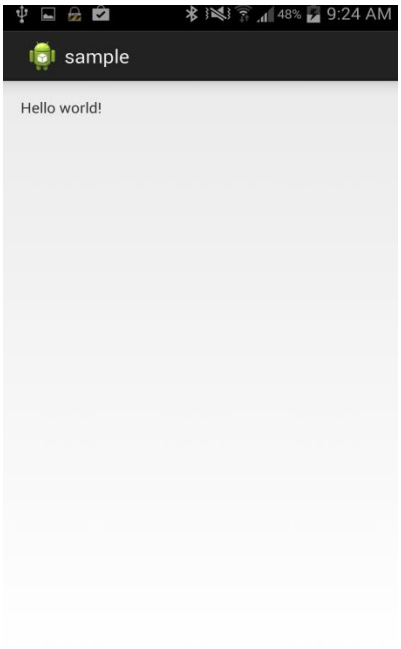




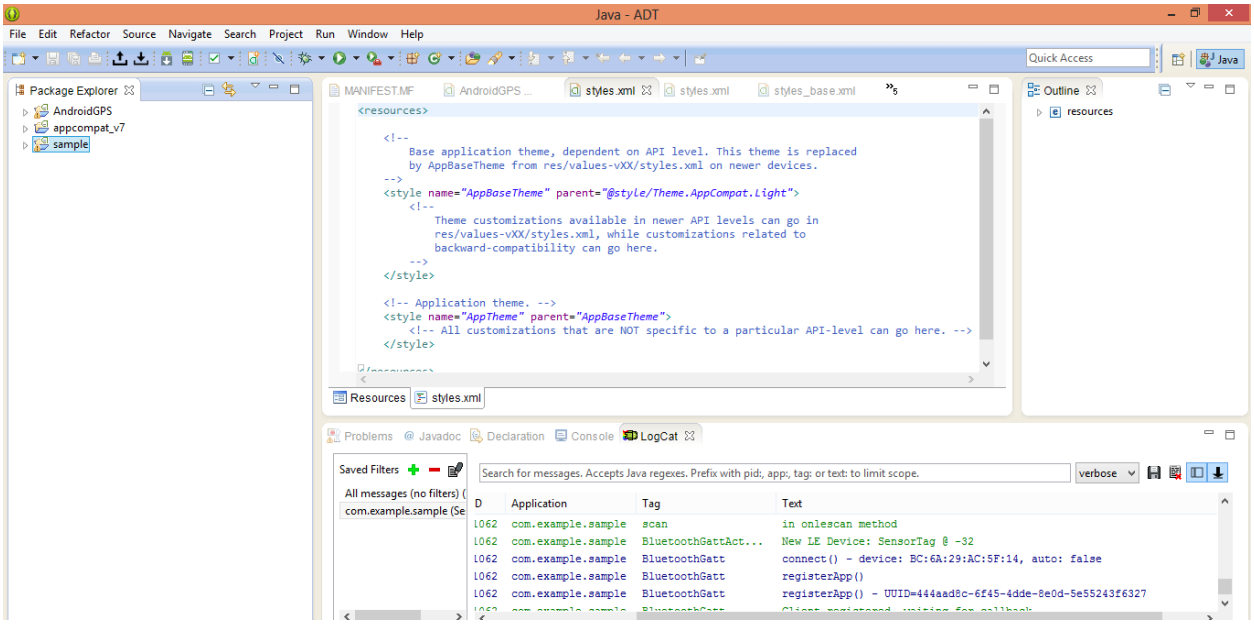
After downloading and opening the source code file Android-Sensortag, we connected to the device via wire and installed the app in the device



The given source code file is opened and the device is connected to sensor tag via blue tooth.Tthe data is read from the device via Bluetooth and can be seen in the log file of the ap in ADT.

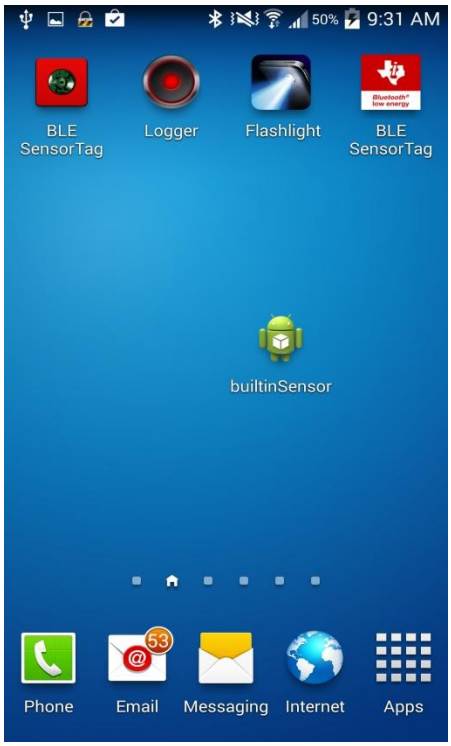


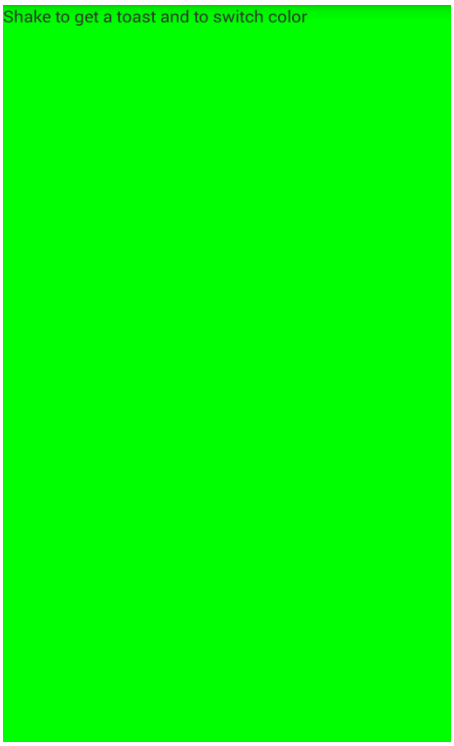
The Sensor tag reading from the log file

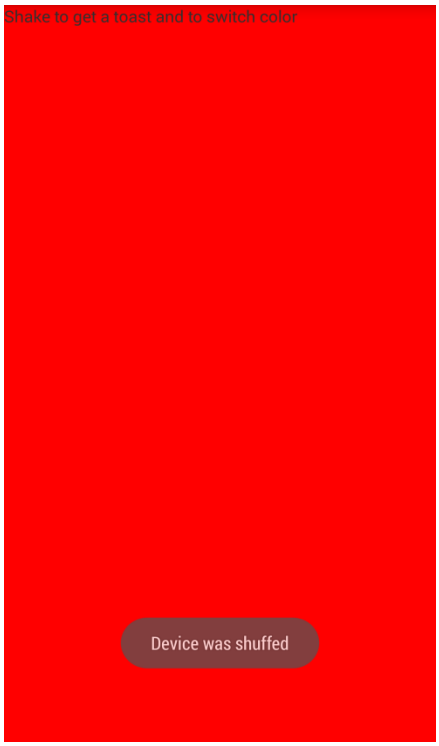


Subtask2. Mobile sensor with Android App.

The source is downloaded from blackboard and is opened in Eclipse ADT. The app is installed into the device and when it is opened it reads the data from the inbuilt sensors. When the screen is shaken, the color changes.





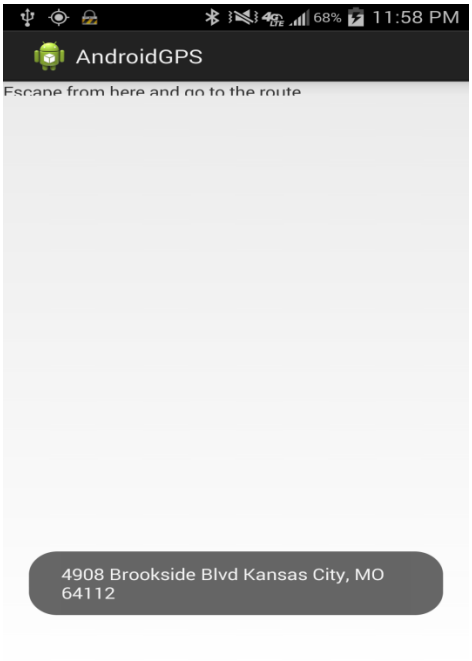


Subtask 3: GPS Feature with Android Smart phone.

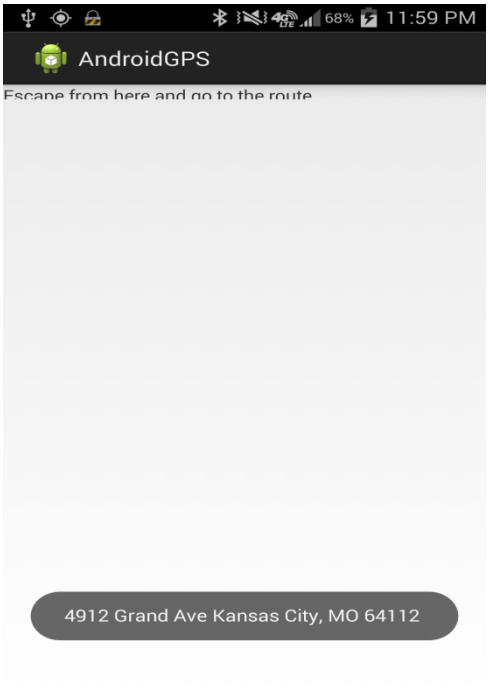
The given source code is downloaded from the black board and opened in Eclipse ADT, to make the necessary required changes.

This app collects the data from the in-built GPS of android device and mentions the latitude and longitude and the Address of the location

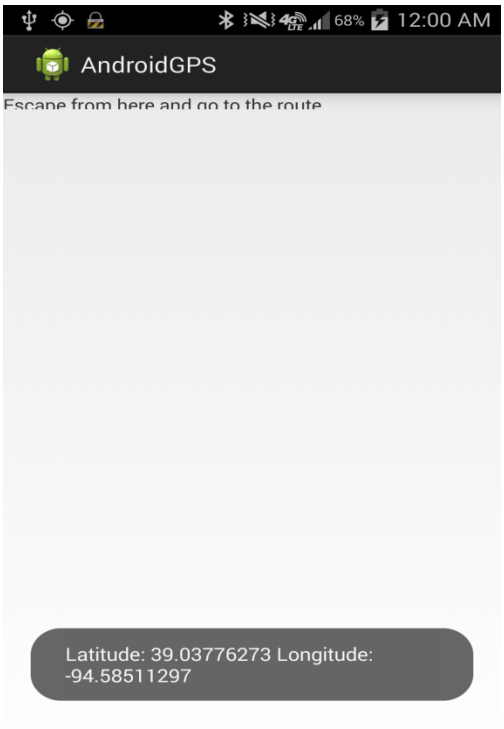
Initial Location of the device



Upon the change of location



The latitude and longitude of the device location

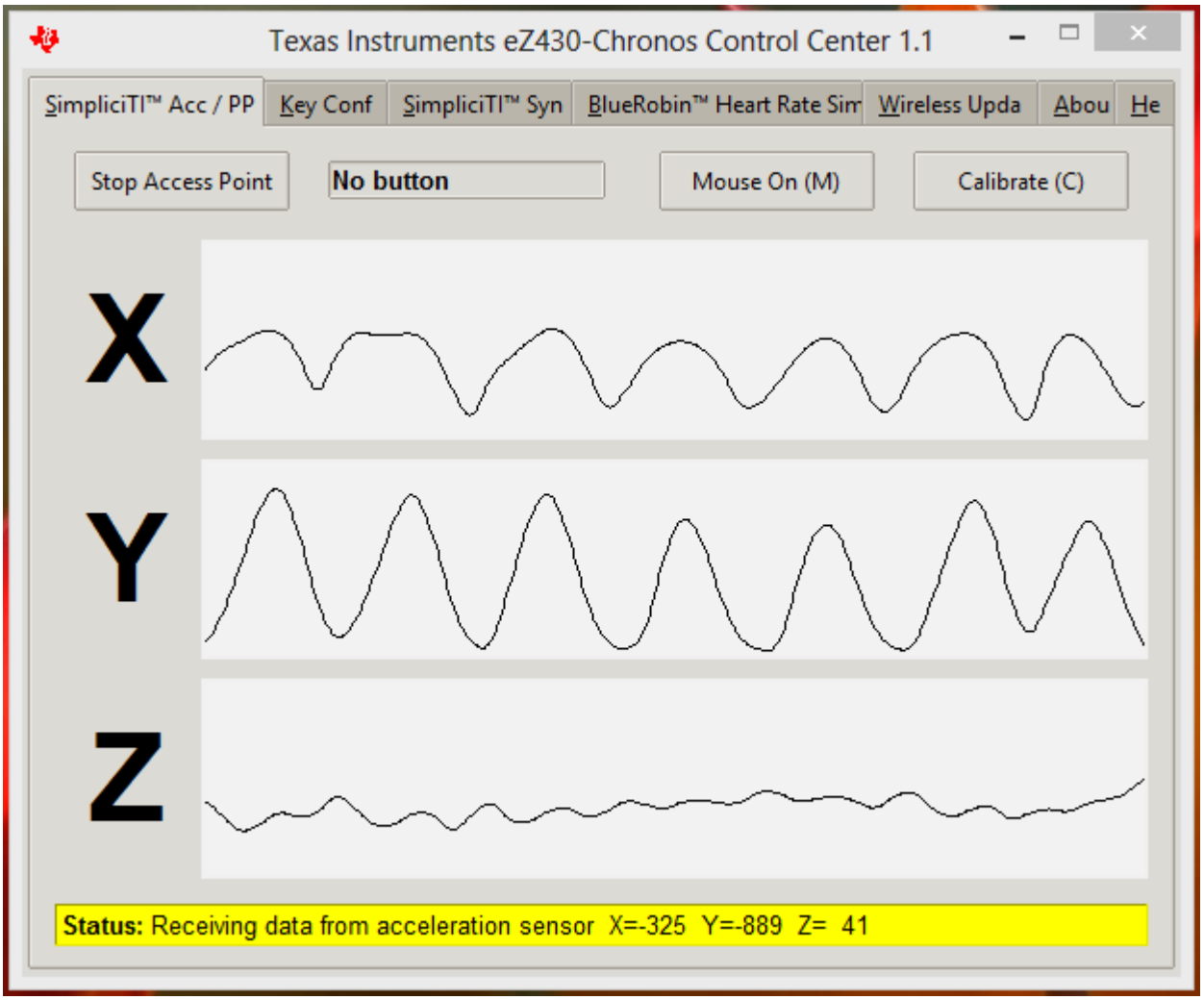


Sub Task 4:

Wiigee app with android smart phone

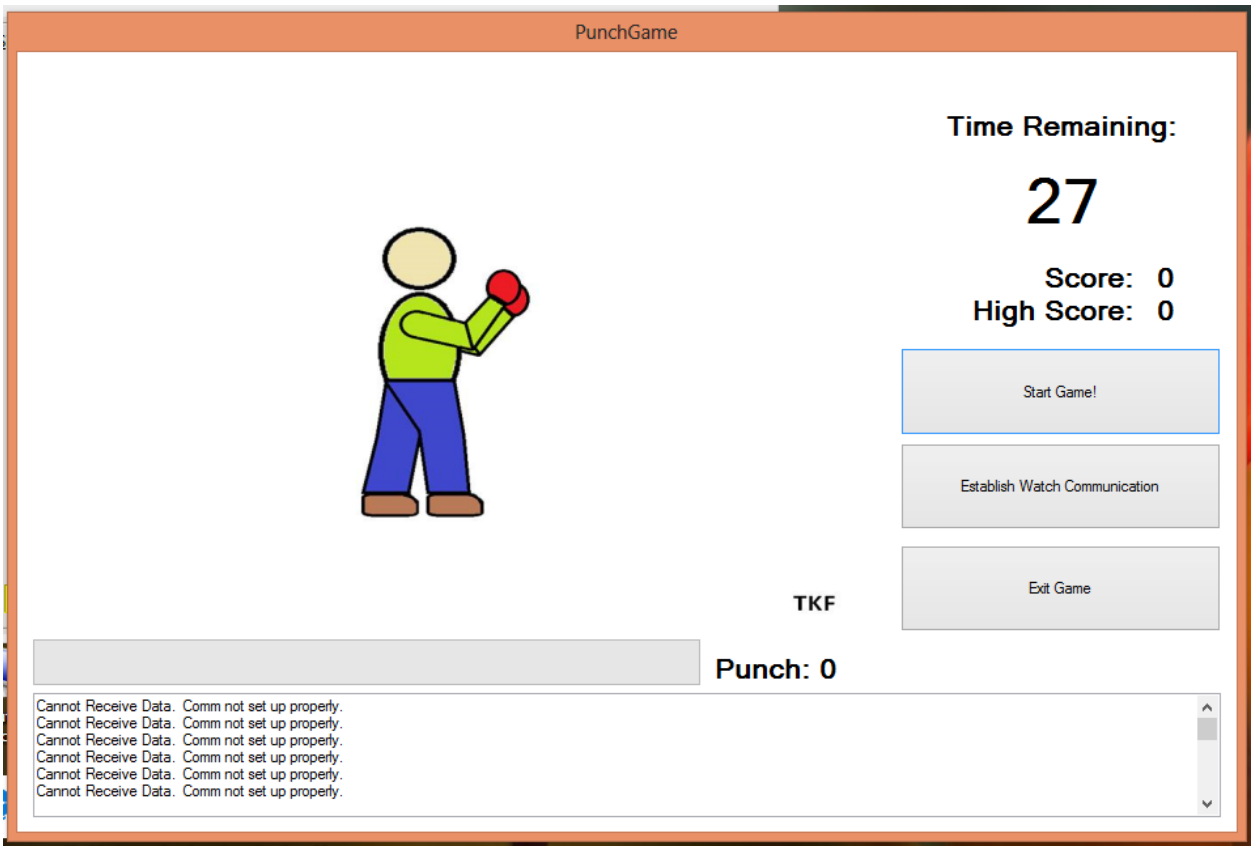
Subtask 5: TI Chronos watch with JAVA App

After downloading and installing the control center from the CD, the chronoswatch is connected to the control center in ACC mode via a RF receiver. The changes in the orientation and movement of device is recorded in all the three dimensional axes



The Punch game is installed into PC and is connected to the Chronos watch via RF receiver which takes the readings

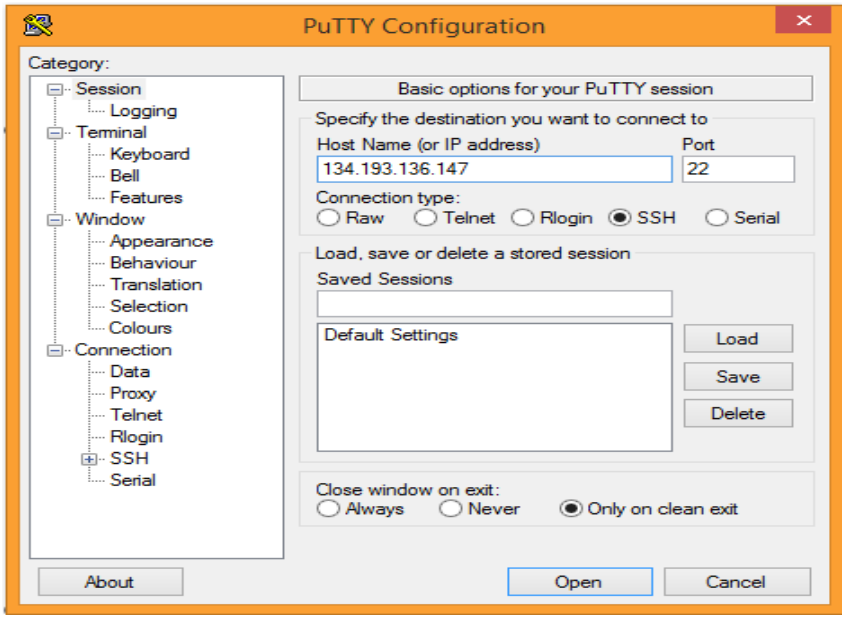
Due to RF connector problem we are unable to play the game but however we are ble to get the readings from the device

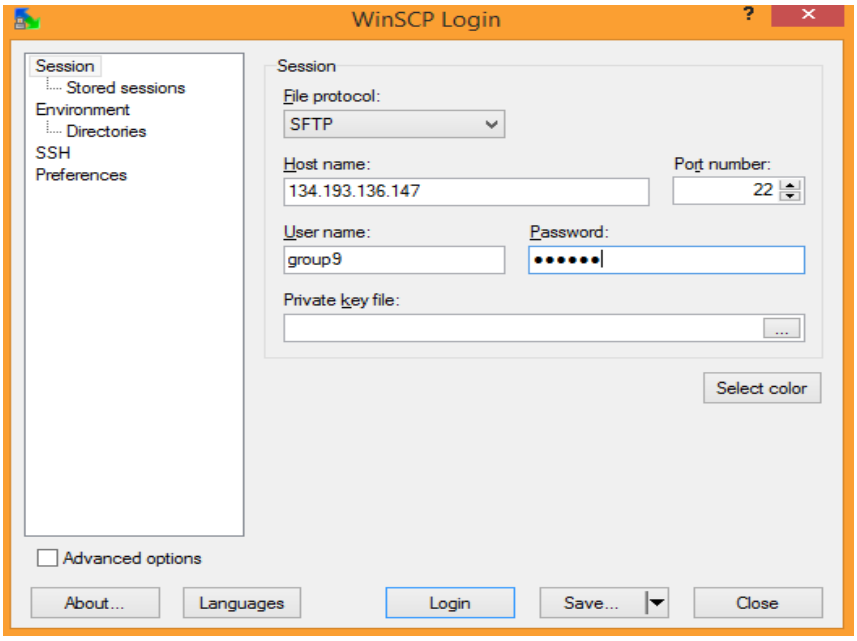


Task2: CloudEra

Subtask1:

To login to the cloudera manager, open the link http://134.193.136.147:7180 and logged in using my UMKC SSO's username and password and logged into the system terminal by downloading putty.

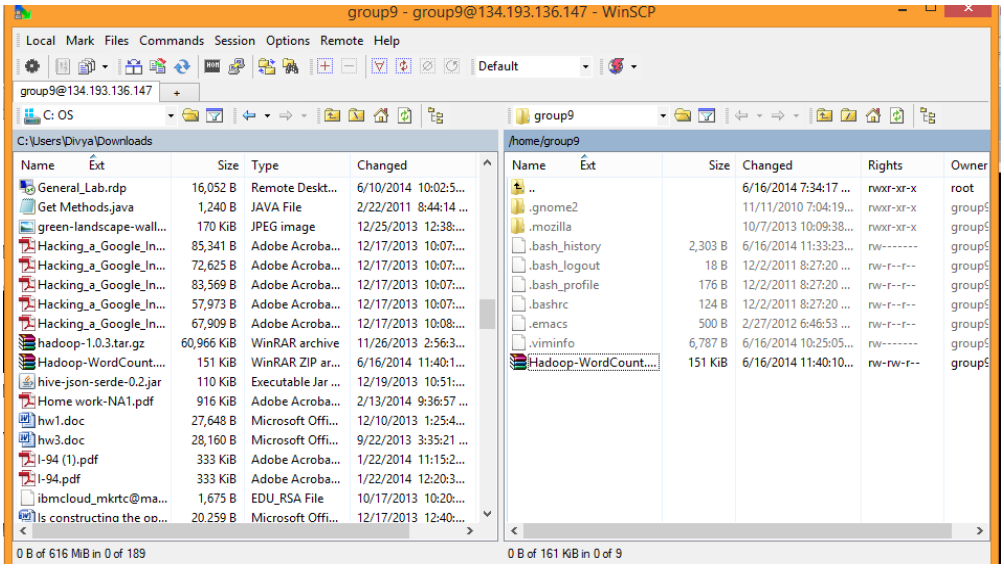


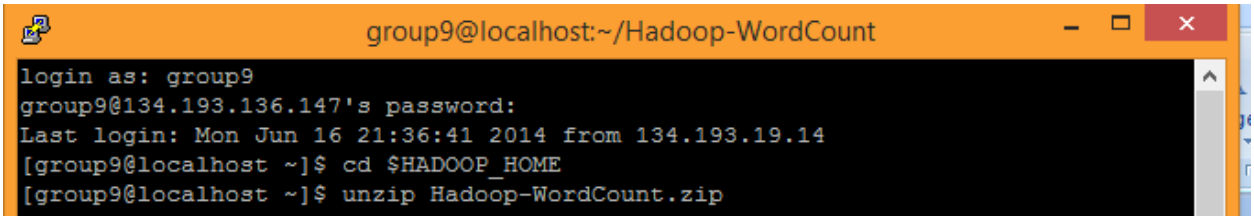


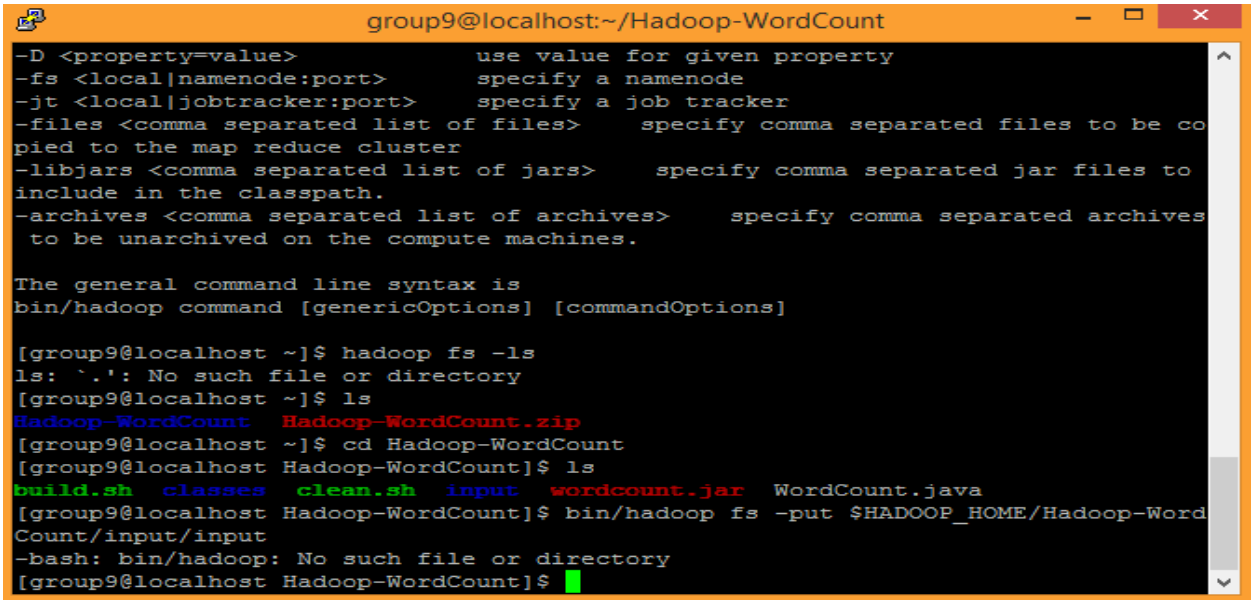
Subtask 2: Created our own cloudera server, VMware

Created a cloudera image 5 and opened it using vmware.

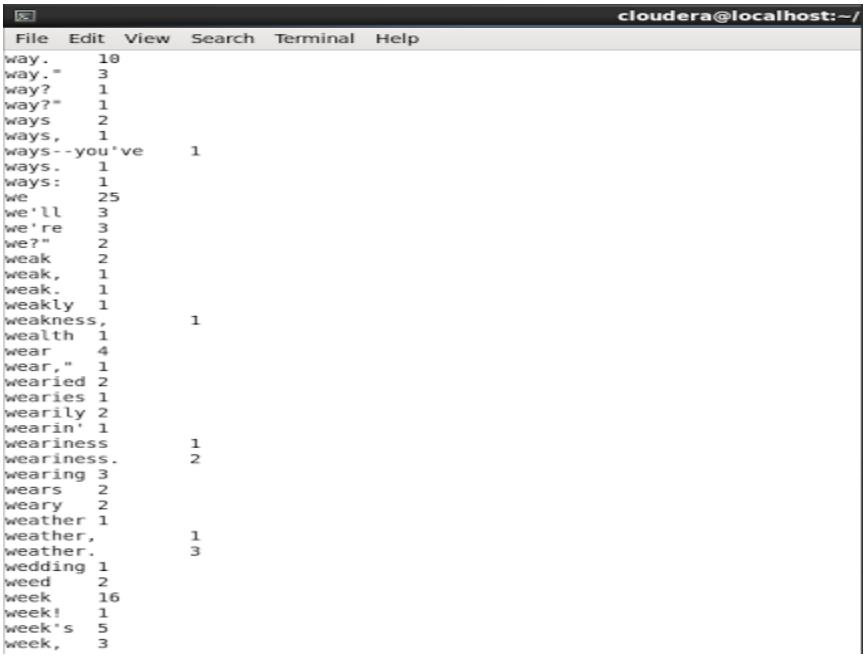
Subtask3: Transferred files using WinSCP





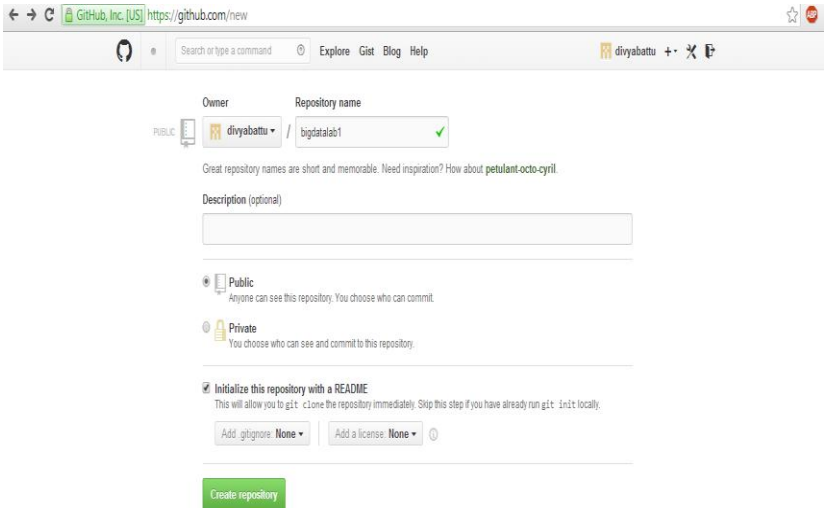


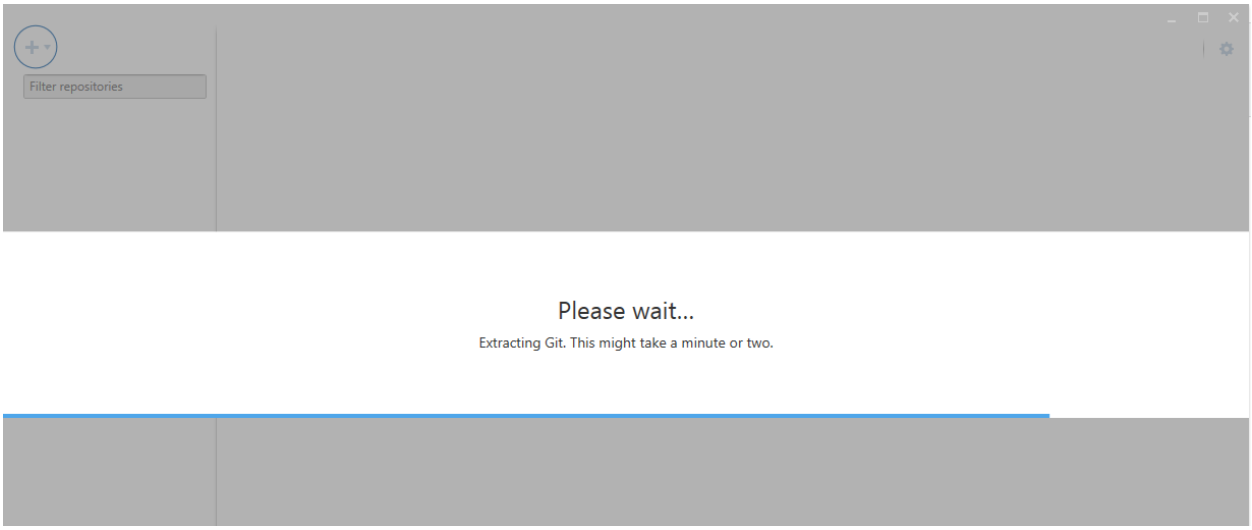
Wordcount file using vmware



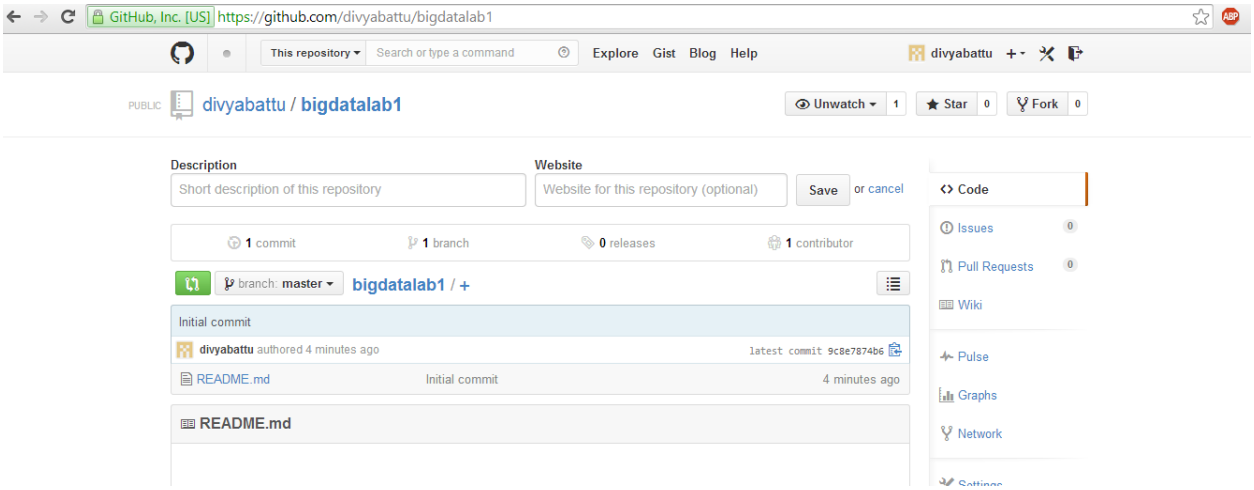
Task 3:

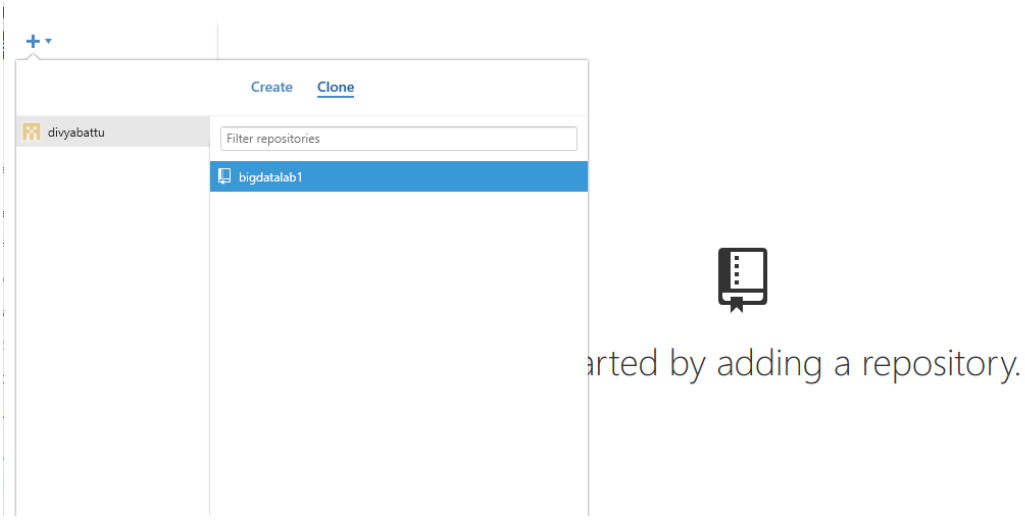
Creating an account in GitHub:

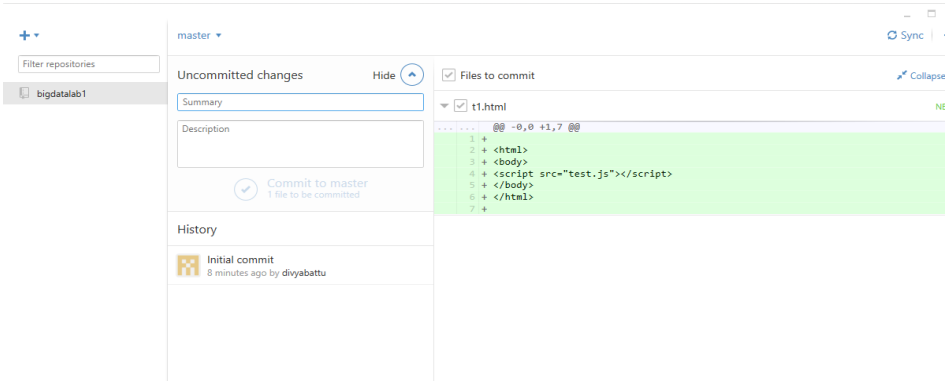


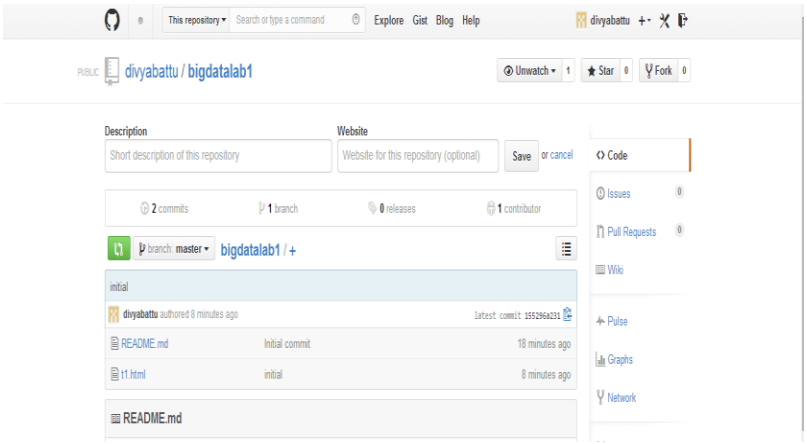


After creating repository



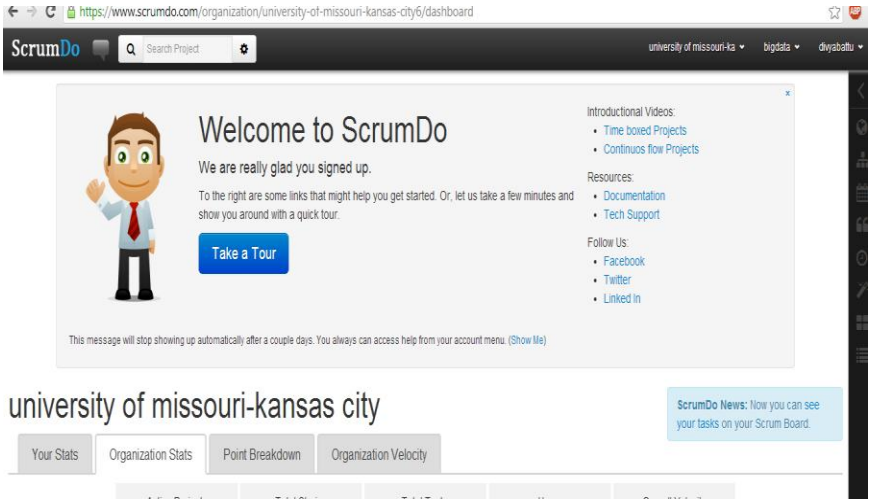


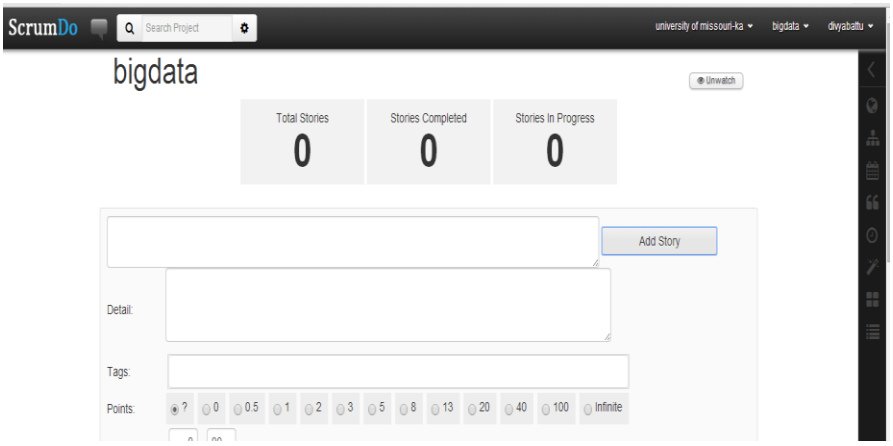


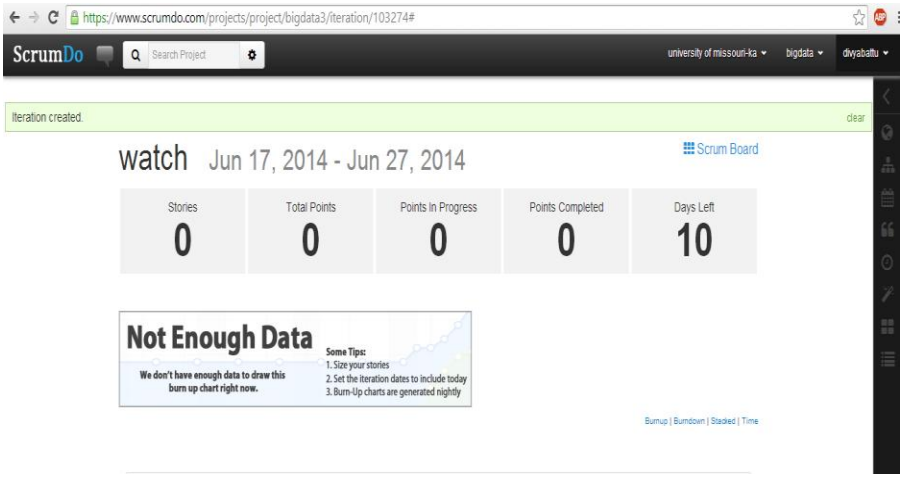


Subtask 2:

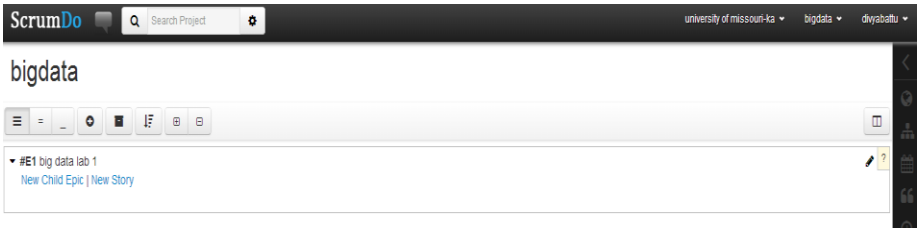
Creating an account and designing projects in Scrumdo







Creating epic stories:


ScrumDo
Search Project
university of missouri-ka
bigdata
divyabattu
bigdata
#E1 big data lab 1
New Child Epic | New Story