

CS5542 Big Data Apps and Analytics

In-class Exercise #1

Submission Deadline : Jan. 24 (W), 11:59PM through
<https://goo.gl/forms/LFVtOryMrYM5AR213>

Please complete the below installations.

1. GitHub Desktop and Git shell
2. Zen Hub Plugin
3. IDE
 - a. IntelliJ
 - b. PyCharm
 - c. Android Studio
4. Sbt
5. Apache Spark
6. Python 3
7. Tensorflow

Please write a wiki document and include:

1. Screenshot of the GitHub desktop
2. Screenshot of Zenhub plugin in your browser
3. Screenshots of all the installed IDEs
4. Screenshot of installed sbt.
5. Screenshot of the below Task-
Go to spark2.2.1/bin folder.
Run the following command
spark-shell
6. Screen shot of the below task –
Run the following command on your command prompt-
python -V
7. Screenshot of the following script to check the tensorflow installation-

```
$ python
```

Enter the following short program inside the python interactive shell:

```
>>> import tensorflow as tf
>>> hello = tf.constant('Hello, TensorFlow!')
```

```
>>> sess = tf.Session()  
>>> print(sess.run(hello))
```

Submission Guidelines:

1. Document your work with screenshots on a wiki page
2. Include Class IDs of both the team members in the wiki page.
3. Make sure there is only one submission per team.