

W205-1 Spring 2016

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Instructions for Running Exercise 2:

1. Clone the repository:

```
git clone https://github.com/al-arsenault/exercise\_2
```

2. Ensure that Hadoop and postgresql are running on the target machine; e.g. by running the `/root/start-hadoop.sh` and `/data/start_postgres.sh` shell scripts.
3. Ensure that all necessary support software is running; e.g., `psycpg2`, `pip`, etc.
4. Create a Streamparse project called `EX2Tweetwordcount` using the command

```
$sparse quickstart EX2Tweetwordcount
```

5. Run the program by issuing the commands:

```
$cd EX2Tweetwordcount
```

```
$sparse run
```

6. When the program has ended, the files `finalresults.py` and `histogram.py` can be used to analyze the results.