**Activity 1**

In this activity, we will be creating files in the local filesystem and the copying it into the HDFS.

* Create a text file named **txtFile.txt** and add the following text to it:

Night. That over years creepeth green fourth had after also seas make. Female living sea very hath. Dry good in is bring fifth under creeping all tree land.

Create a CSV file named **csvFile.csv** and add the following data to it:

"Sell", "List", "Living", "Rooms", "Beds", "Baths", "Age", "Acres", "Taxes"

142, 160, 28, 10, 5, 3, 60, 0.28, 3167

175, 180, 18, 8, 4, 1, 12, 0.43, 4033

129, 132, 13, 6, 3, 1, 41, 0.33, 1471

138, 140, 17, 7, 3, 1, 22, 0.46, 3204

232, 240, 25, 8, 4, 3, 5, 2.05, 3613

135, 140, 18, 7, 4, 3, 9, 0.57, 3028

150, 160, 20, 8, 4, 3, 18, 4.00, 3131

207, 225, 22, 8, 4, 2, 16, 2.22, 5158

271, 285, 30, 10, 5, 2, 30, 0.53, 5702

89, 90, 10, 5, 3, 1, 43, 0.30, 2054

153, 157, 22, 8, 3, 3, 18, 0.38, 4127

* Next, create a directory named **textData** in the HDFS.
* Copy the CSV file, **csvFile.csv**, into the **textData folder** in the HDFS.
* Copy the TXT file, **textFile.txt**, into the **textData folder** in the HDFS.
* Finally use the **stat** command to get the file statistics:

# Solution

**The commands to execute in sequence are:** **$ vim txtFile.txt**

**$ vim csvFile.csv**

**$ hdfs dfs -mkdir /user/root/deepa**

**$ hdfs dfs -put ./csvFile.csv /user/root/deepa**

**$ hdfs dfs -put ./csvFile.csv /user/root/deepa**

**$ hdfs dfs -stat "type:%F permissions:%a %u:%g size:%b name:%n" /user/root/deepa/csvFile.csv**

**$ hdfs dfs -stat "type:%F permissions:%a %u:%g size:%b name:%n" /user/root/deepa/txtFile.txt**