

**\*\*Please Note:** Assignments are performed in Databricks Free Online Editor as I do not have Machine With core 3 and 8 GB RAM. Please Consider. Thank You!

The screenshot displays the Databricks Free Online Editor interface. The browser's address bar shows the URL: <https://community.cloud.databricks.com/?o=4242893519970855#notebook/2082709256337665/command/2258042357021097>. The editor title is "Abhi-spark (Scala)". The interface includes a sidebar with navigation options: Home, Workspace, Recent, Data, Clusters, Jobs, and Search. The main area shows a code editor with the following Scala code:

```
1 val x = sc.parallelize(List[Int](1,2,3,4,5,6,7,8,9,10))
2 val y = x.sum
3 val z = x.count
4 val av = y/z
5 val ev = x.filter(_%2 == 0).sum
6 val T = x.filter(x=>x%3 ==0 || x%5==0).count
```

Below the code editor, the output of the command is displayed:

```
▶ (4) Spark Jobs
x: org.apache.spark.rdd.RDD[Int] = ParallelCollectionRDD[0] at parallelize at command-3115185089402193:1
y: Double = 55.0
z: Long = 10
av: Double = 5.5
ev: Double = 30.0
T: Long = 5
```

The command took 1.94 seconds and was executed by `allideshmukh@gmail.com` at 5/24/2018, 5:23:41 PM on My Cluster. At the bottom of the editor, there is a "Send Feedback" button and a "Show all" button. The Windows taskbar at the bottom shows the time as 6:31 PM on 5/24/2018.