

Set Spark home environment variable.

Task 1:

```
$SPARK_HOME/bin/spark-submit --class Task1 path_to_jar path_to_data_csv_file  
path_to_output
```

Example:

```
$SPARK_HOME/bin/spark-submit --class Task1  
/Users/sai/IdeaProjects/DataMiningAssign1/out/artifacts/DataMiningAssign1_jar/DataMiningAssign1.jar /Users/sai/Downloads/spark-2.3.1-bin-hadoop2.7/bin/survey_results_public.csv  
/Users/sai/Downloads/spark-2.3.1-bin-hadoop2.7/bin/task1.csv
```

Task 2:

```
$SPARK_HOME/bin/spark-submit --class Task2 path_to_jar path_to_data_csv_file  
path_to_output
```

Example:

```
$SPARK_HOME/bin/spark-submit --class Task2  
/Users/sai/IdeaProjects/DataMiningAssign1/out/artifacts/DataMiningAssign1_jar/DataMiningAssign1.jar /Users/sai/Downloads/spark-2.3.1-bin-hadoop2.7/bin/survey_results_public.csv  
/Users/sai/Downloads/spark-2.3.1-bin-hadoop2.7/bin/task2.csv
```

Task 3:

```
$SPARK_HOME/bin/spark-submit --class Task3 path_to_jar path_to_data_csv_file  
path_to_output
```

Example:

```
$SPARK_HOME/bin/spark-submit --class Task3
```

```
/Users/sai/IdeaProjects/DataMiningAssign1/out/artifacts/DataMiningAssign1_jar/DataMiningAssign1.jar
```

```
/Users/sai/Downloads/spark-2.3.1-bin-hadoop2.7/bin/survey_results_public.csv
```

```
/Users/sai/Downloads/spark-2.3.1-bin-hadoop2.7/bin/task3.csv
```