

Task 8: Create another table and write a query to do a JOIN

Query:

```
hive> select c.id, c.name, m.mascot from College c inner join mascot m on c.id = m.id;
```

RunProof:

```
Query ID = anagave_20210503232144_479dcc21-d675-4b4d-b49b-649d7ba167c9
Total jobs = 1
SLF4J: Found binding in [jar:file:/usr/local/apache-hive-3.1.2-bin/lib/log4j-slf4j-impl-2.10.0.jar!/
org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/usr/local/hadoop-3.3.0/share/hadoop/common/lib/slf4j-
log4j12-1.7.25.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
2021-05-03 23:21:53      Starting to launch local task to process map join;maximum memory =
4750049280
2021-05-03 23:21:56      End of local task; Time Taken: 2.428 sec.
Execution completed successfully
MapredLocal task succeeded
Launching Job 1 out of 1
Number of reduce tasks is set to 0 since there's no reduce operator
Starting Job = job_1620056543801_0077, Tracking URL = http://hadoop-
nn001.cs.okstate.edu:8088/proxy/application\_1620056543801\_0077/
Kill Command = /usr/local/hadoop-3.3.0/bin/mapred job -kill job_1620056543801_0077
Hadoop job information for Stage-3: number of mappers: 5; number of reducers: 0
2021-05-03 23:22:03,287 Stage-3 map = 0%, reduce = 0%
2021-05-03 23:22:08,545 Stage-3 map = 40%, reduce = 0%, Cumulative CPU 8.85 sec
2021-05-03 23:22:09,594 Stage-3 map = 100%, reduce = 0%, Cumulative CPU 20.13 sec
MapReduce Total cumulative CPU time: 20 seconds 130 msec
Ended Job = job_1620056543801_0077
MapReduce Jobs Launched:
Stage-Stage-3: Map: 5   Cumulative CPU: 20.13 sec   HDFS Read: 51677 HDFS Write: 620
SUCCESS
Total MapReduce CPU Time Spent: 20 seconds 130 msec
OK
103   ArianaRaider Red
104   John   WuShock
106   Tina   Sparty
101   Kim    Pistol Pete
105   Lee    Beaver
102   Lee    Brutus Buckeye
Time taken: 25.796 seconds, Fetched: 6 row(s)
```

Output:

```
Total MapReduce CPU Time Spent: 20 seconds 130 msec
OK
103   Ariana  Raider Red
104   John    WuShock
106   Tina    Sparty
101   Kim     Pistol Pete
105   Lee     Beaver
102   Lee     Brutus Buckeye
Time taken: 25.796 seconds, Fetched: 6 row(s)
```