

**Q1.** A) CREATE TABLE targetLog (blog VARCHAR(255), hitRatio FLOAT, errorRatio FLOAT, year INTEGER, month INTEGER, day INTEGER, hour INTEGER);

B) sqoop export --connect jdbc:mysql://server/logData --password hadoop --username root -m 1 --table targetLog --export-dir /tmp/sqoop/logData

**Q2.** A Sqoop export can fail if the staging table goes down or gets dropped before doing the move to the actual table. Because of the staging table however partial amount of data being exported can't happen. It's either all or nothing.

**Q3.** To ensure partial data won't be transferred. The staging table gets the initial transfer from the map jobs. Once it has all of them it will then transfer all of the data at once to the actual table.