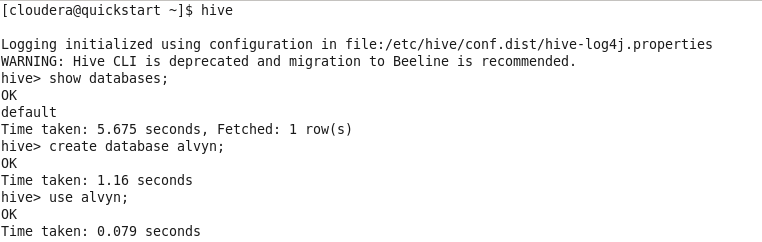
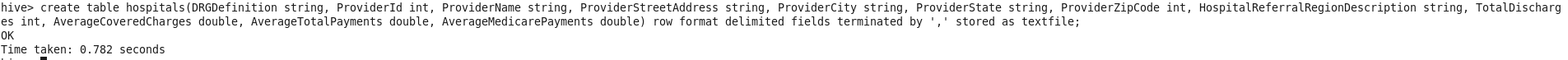
Name: Alvyn Abranches

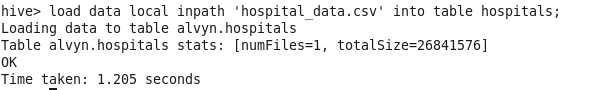
Class: FY MSc Data Science and Big Data Analytics

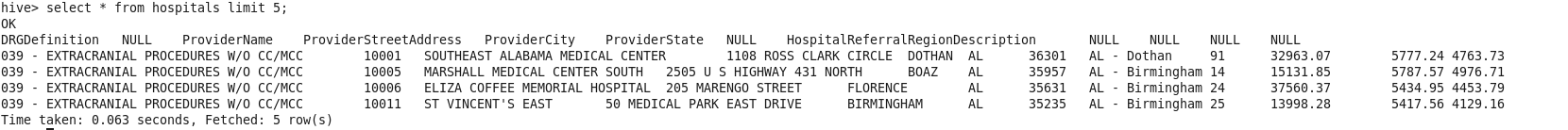
Roll No 1

Exercise 1

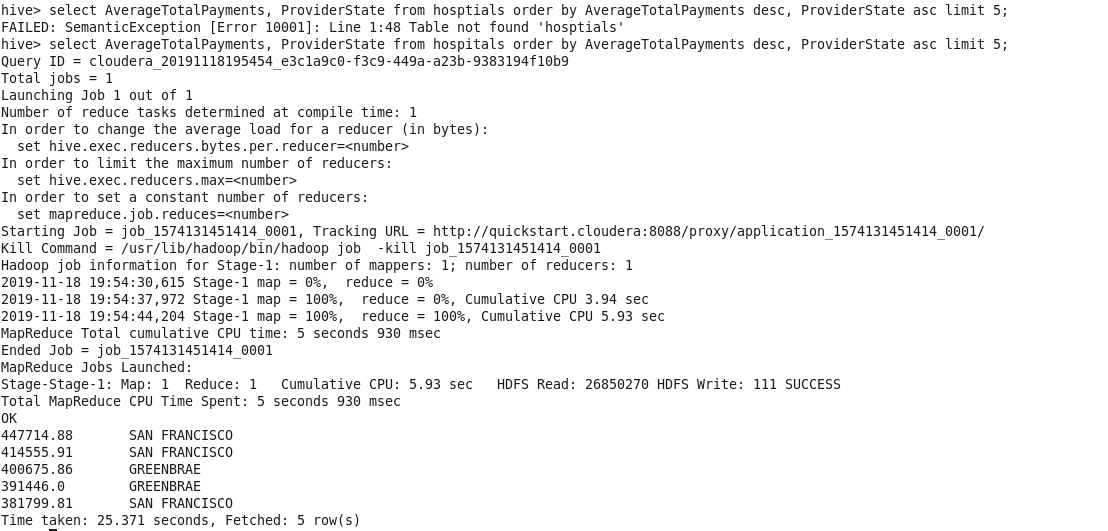




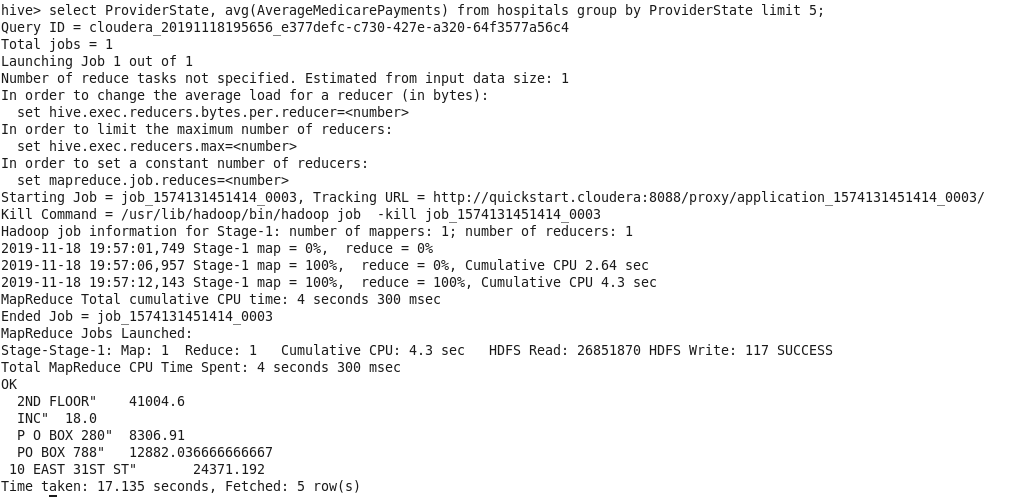




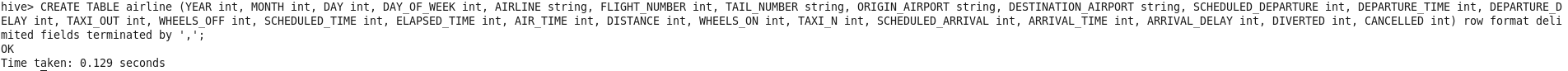
Exercise 2

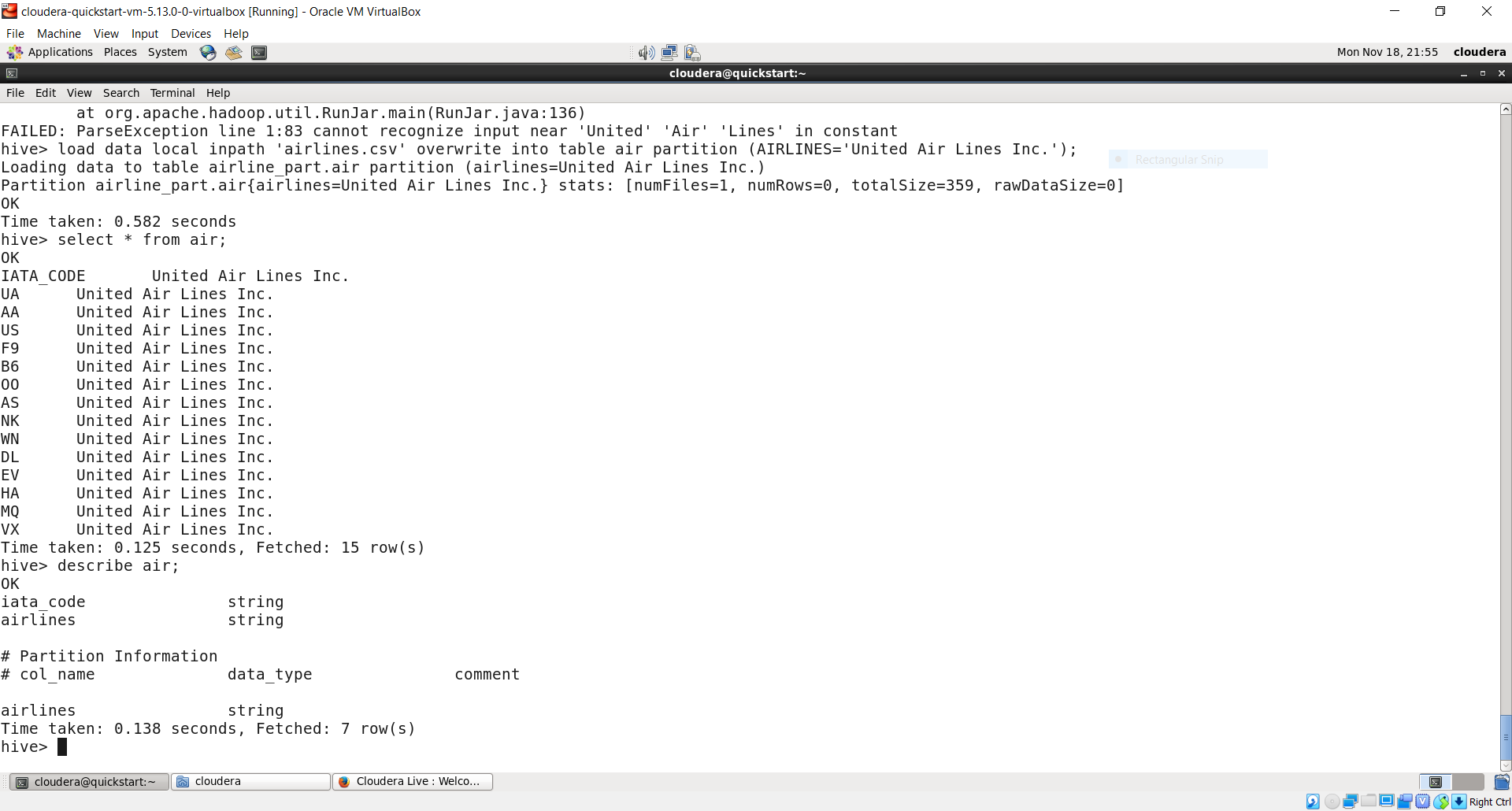
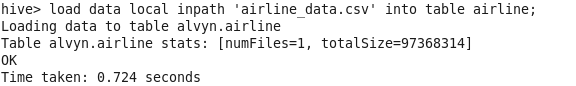


Exercise 3

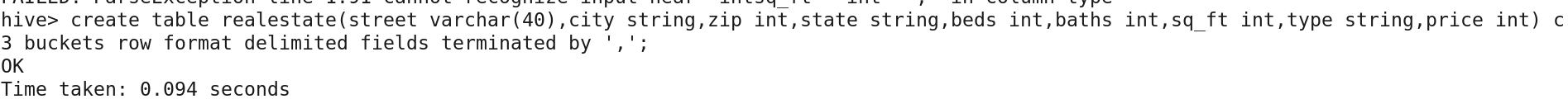


Exercise 4





Exercise 5



Exercise 6

Map Side Join