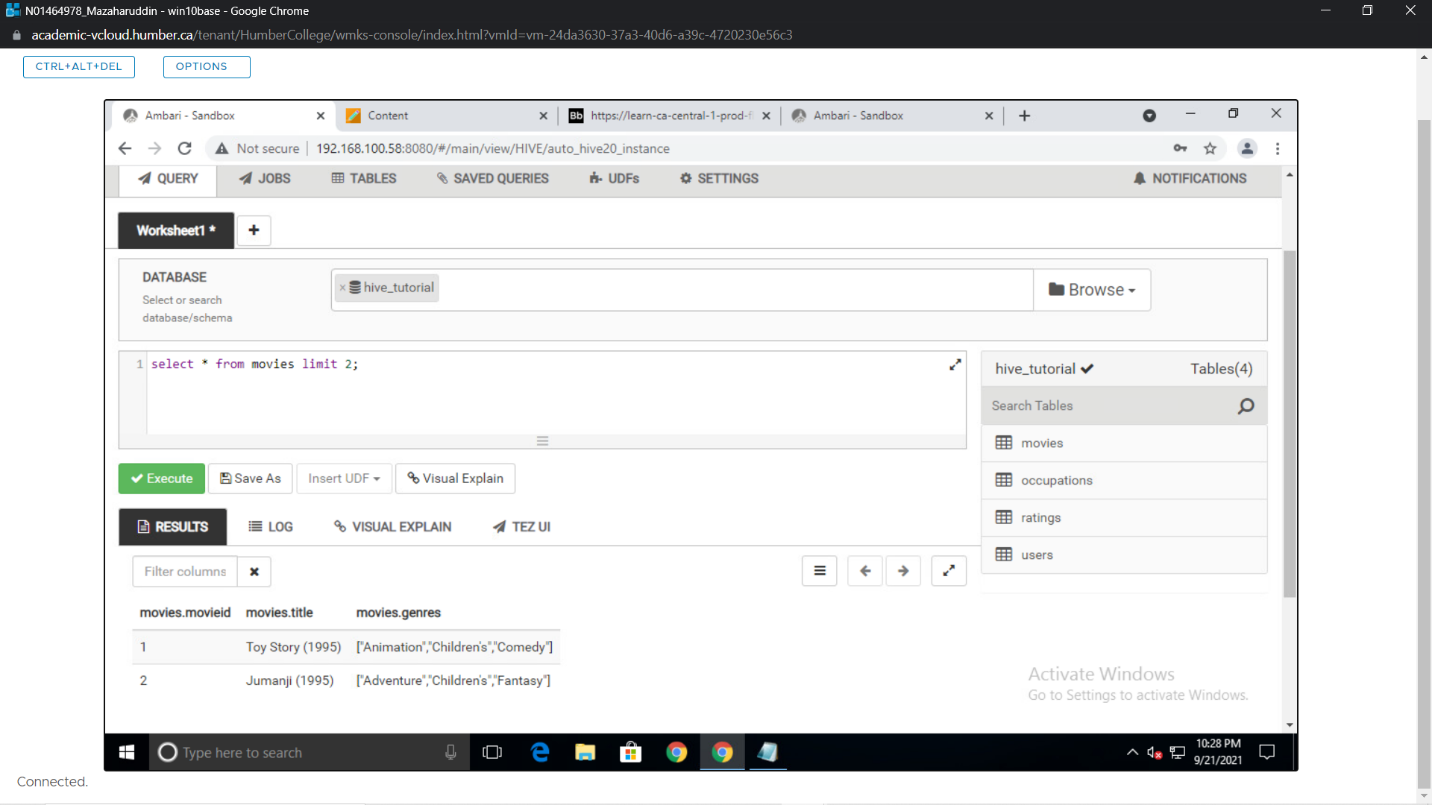
**HIVE IN CLASS – ASSIGNMENT**

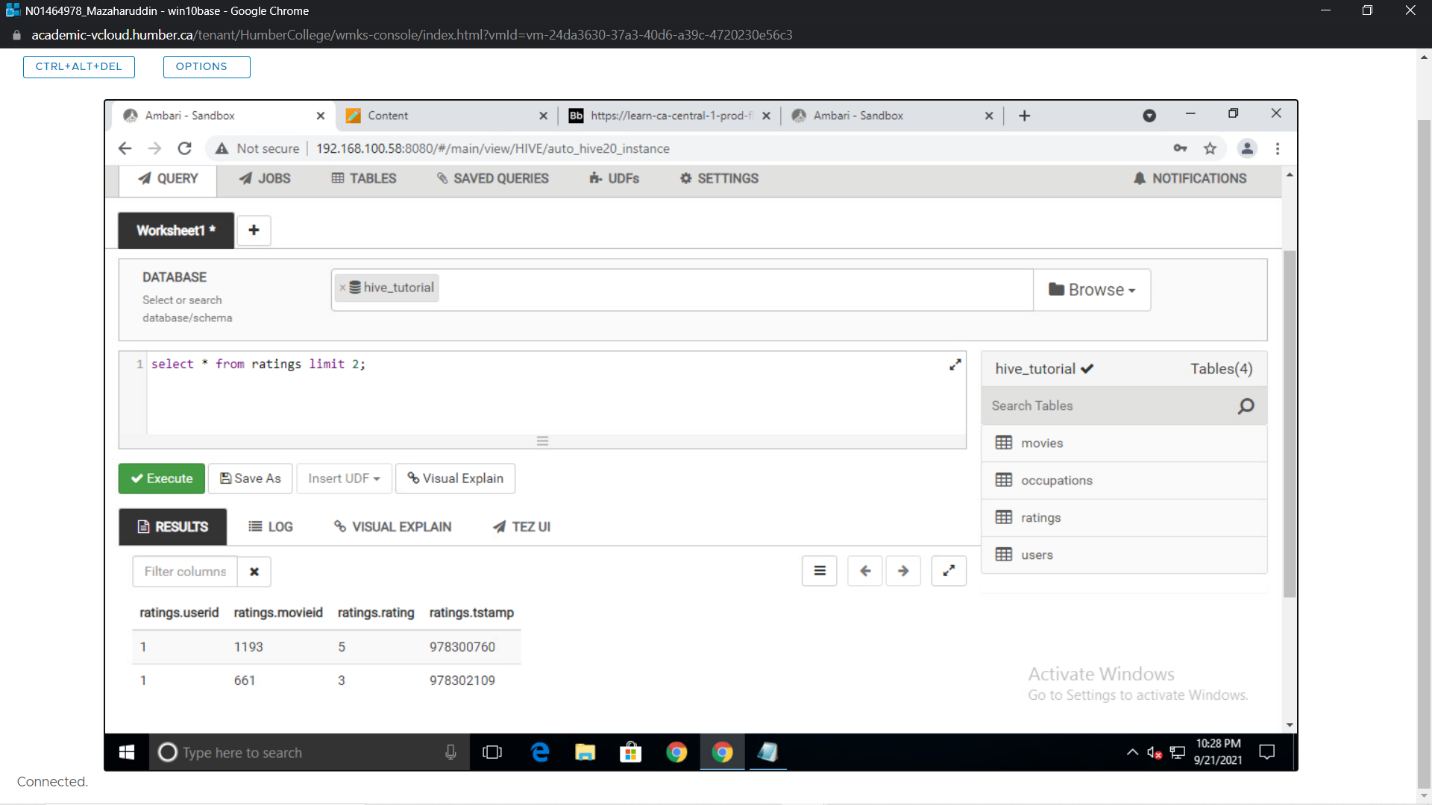
|  |  |
| --- | --- |
| **Student Name** | Mazaharuddin Mohammad |
| **Student Number** | N01464978 |
| **Subject Name** | [Big Data 1 - ITE-5200-IRA](https://learn.humber.ca/webapps/blackboard/execute/courseMain?course_id=_187043_1) |
| **Professor Name** | Orren Johnson |

**7)**

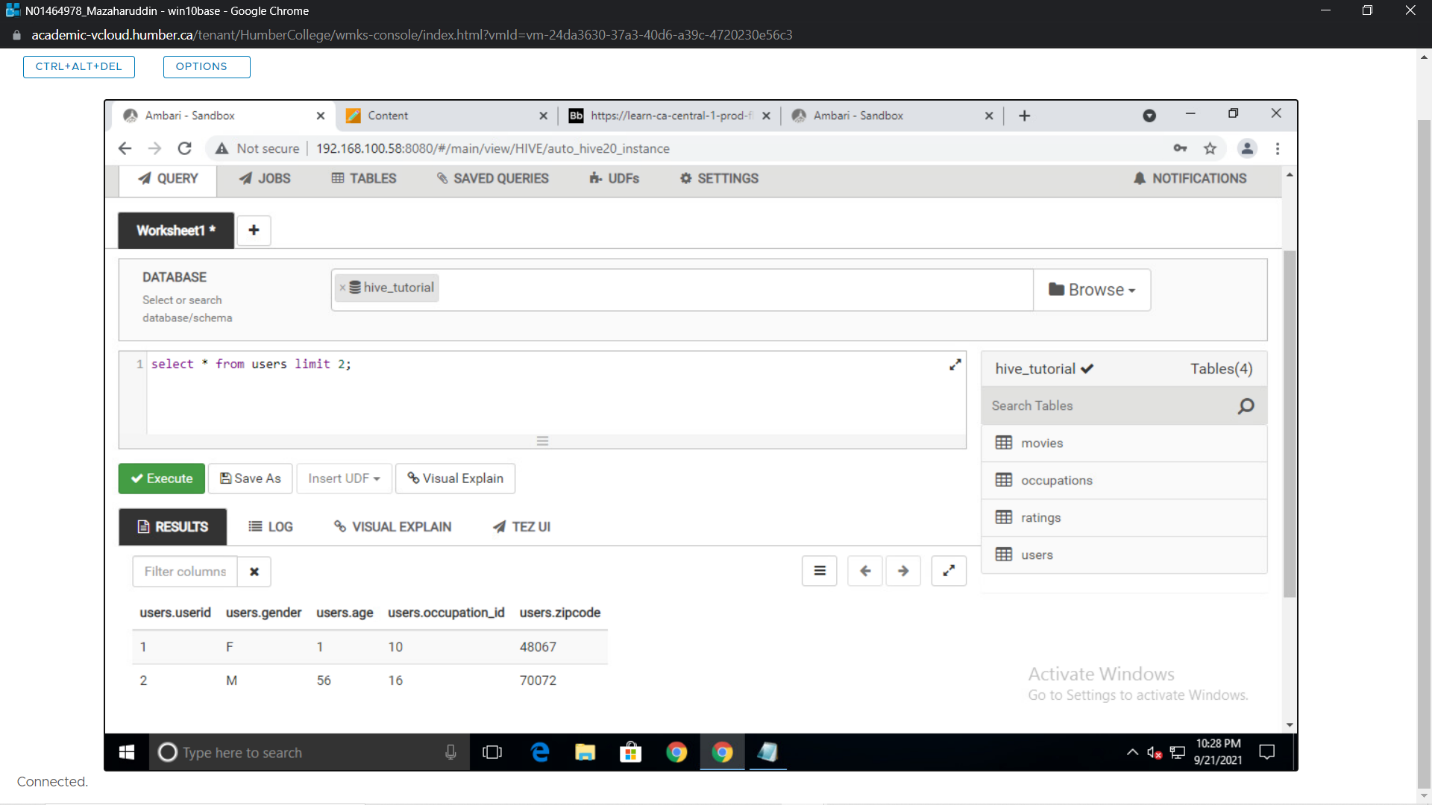
**A)**



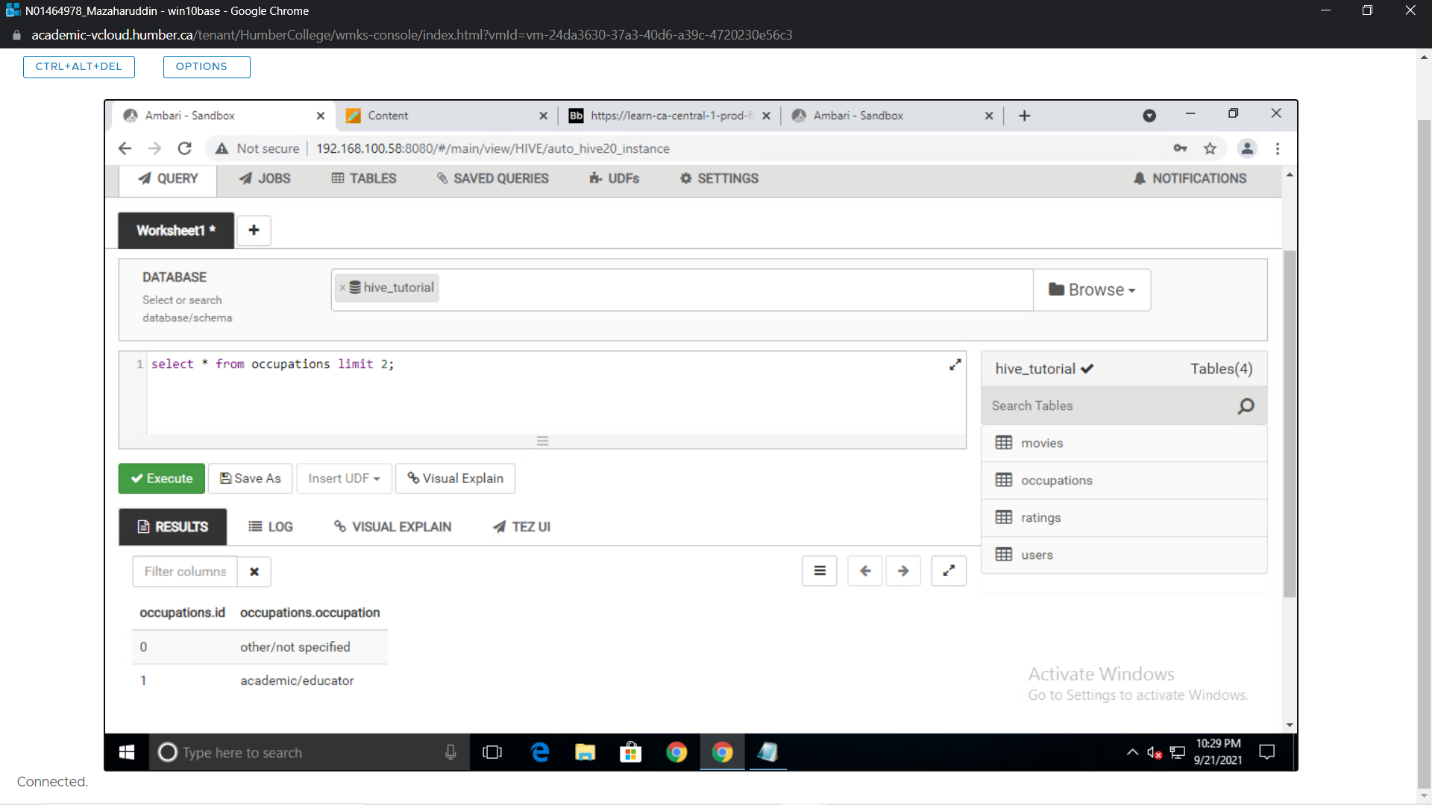
**B)**



**C)**



**D)**



**Use cases – SQL:**

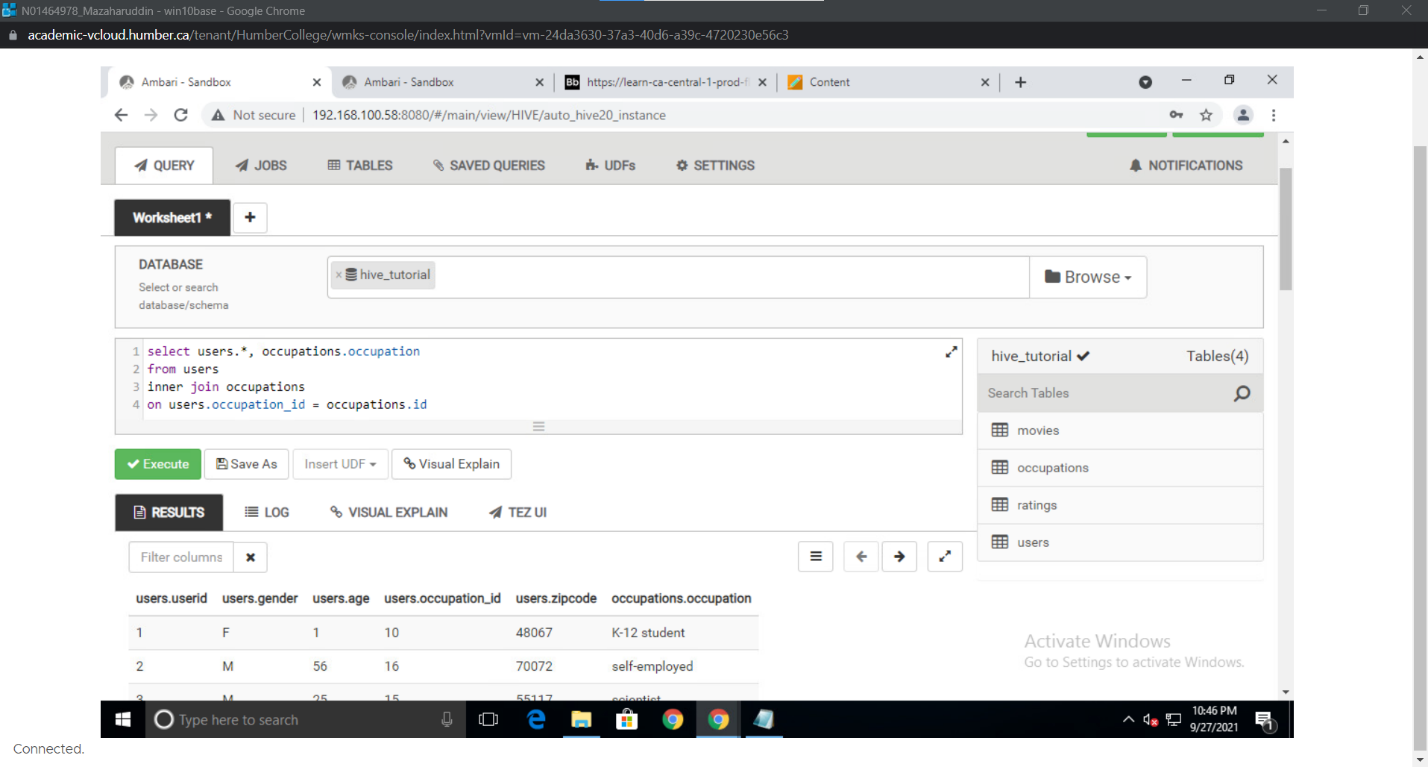
1. **Select users.\*,**

**occupations.occupation**

**From users**

**Inner join occupations**

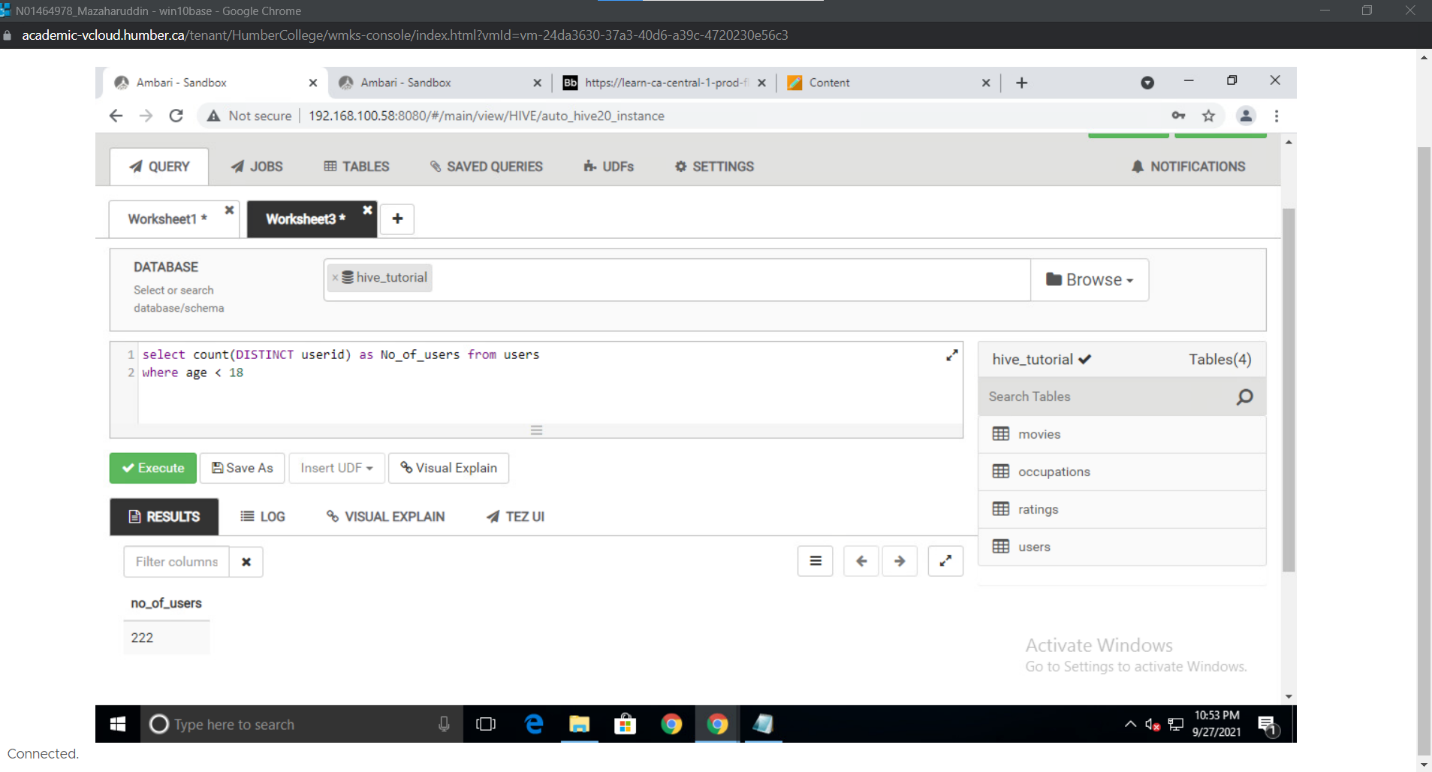
**On users.occupation\_id = occupations.id**

****

1. **select count(DISTINCT userid) as No\_of\_users**

**From users**

**Where age < 18**

****

1. **select occupations.occupation,**

**count(users.userid) as No\_of\_users**

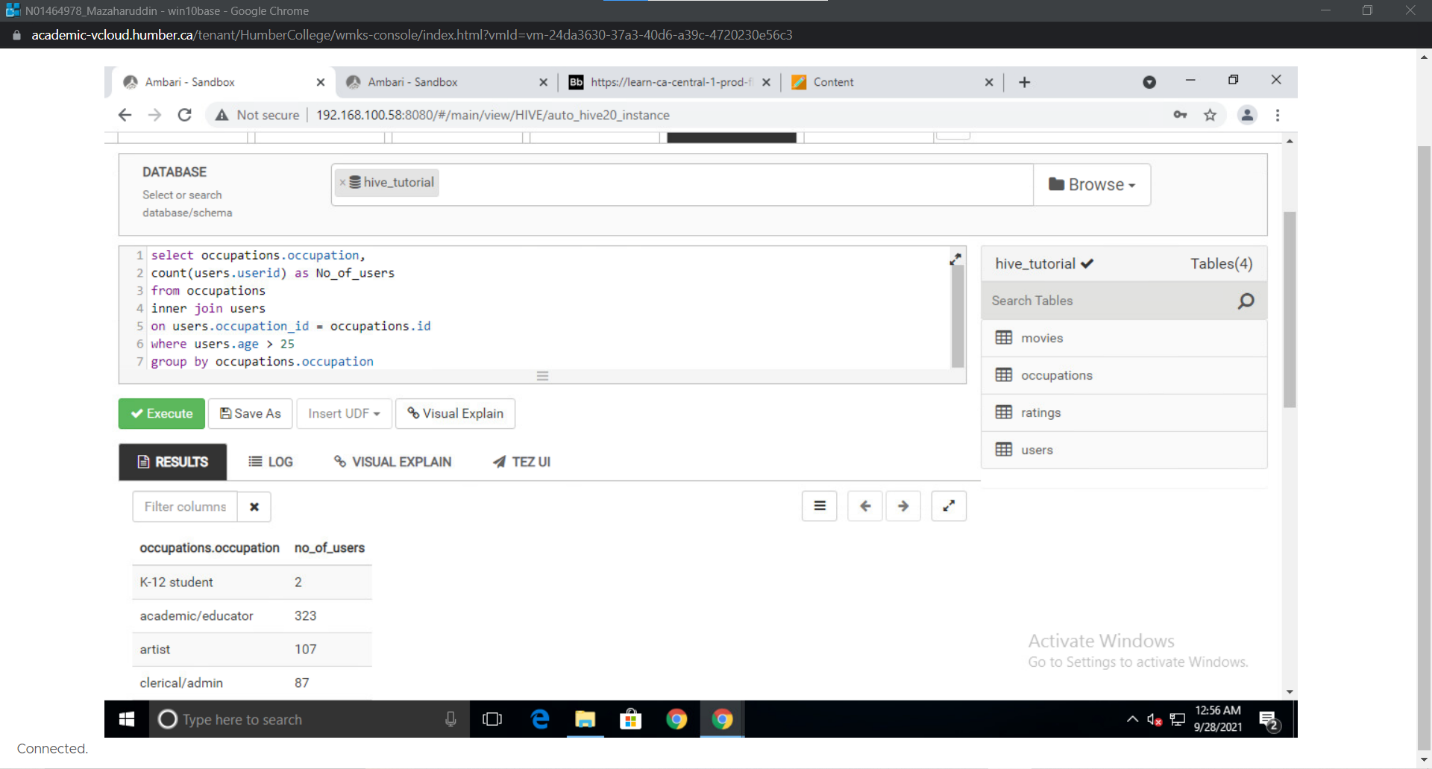
**From occupations**

**Inner join users**

**On users.occupation\_id = occupations.id**

**Where users.age > 25**

**Group by occupations.occupation**

****

1. **select users.userid,**

**users.age,**

**count(ratings.userid) as total\_ratings**

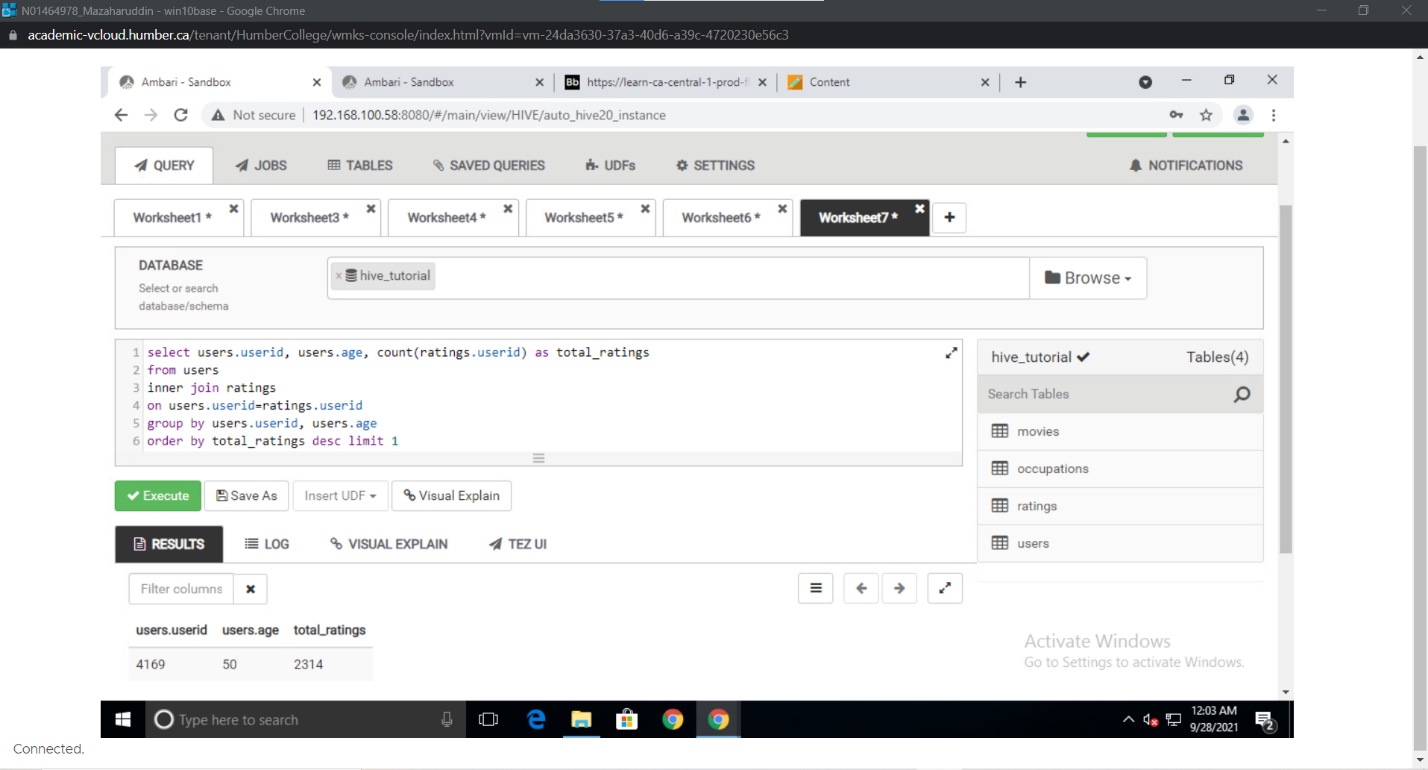
**From users**

**Inner join ratings**

**On users.userid=ratings.userid**

**Group by users.userid, users.age**

**Order by total\_ratings desc limit 1**

****