**Name: Vishal Jha**

**Batch: Data Engineering**

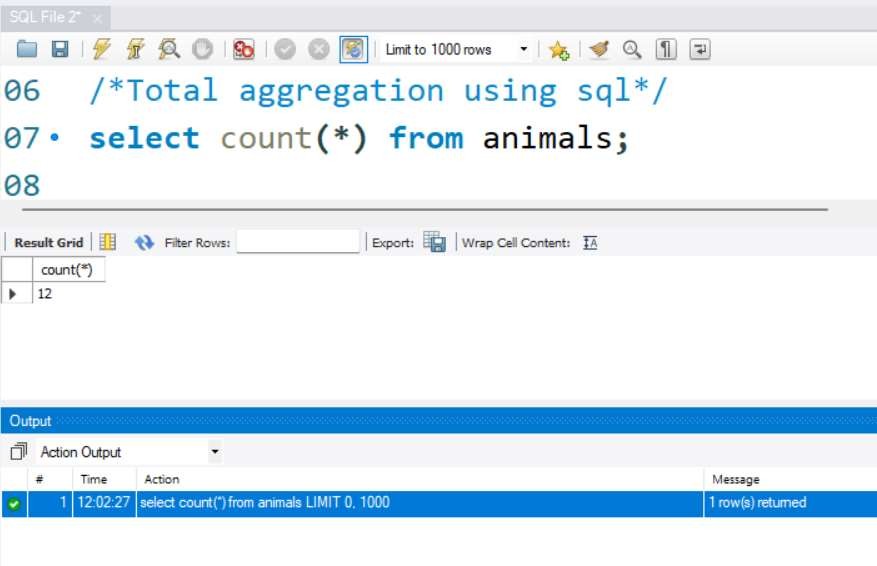
**Date: 24/01/2024**

**Topic: MYSQL(AGGREGATION,OVER,PARTITION,REGEX,SUBTOTALS,MATERIALIZED VIEWS)**

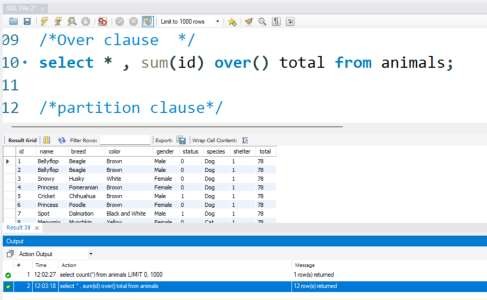
Solution:

1. MYSQL:

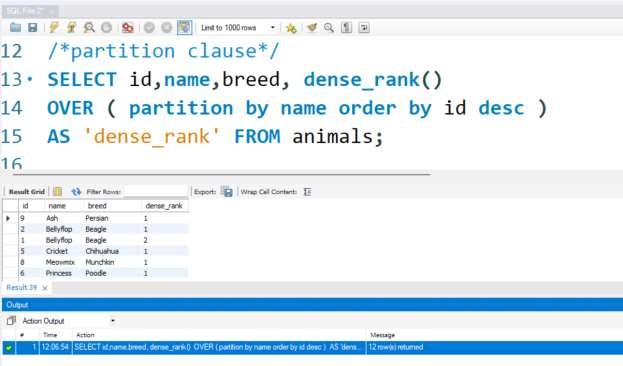
**Total Aggregations using SQL Queries:**



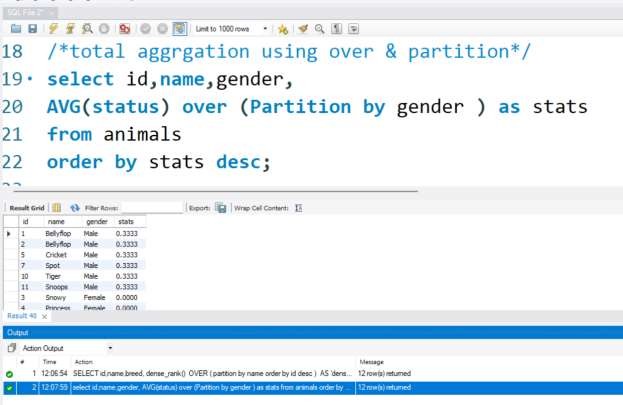
**OVER CLAUSE:**



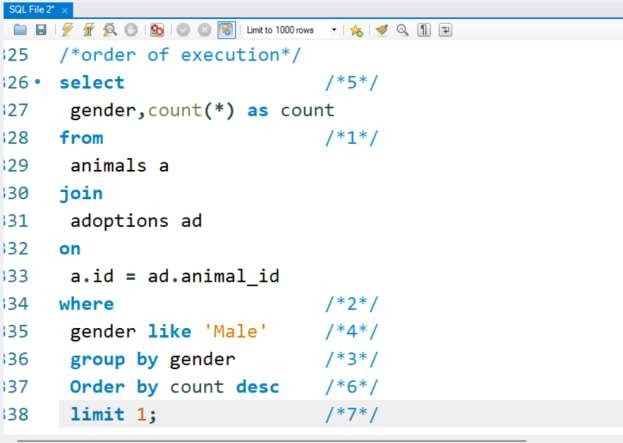
PARTITION CLAUSE



total aggregation using over & partition:



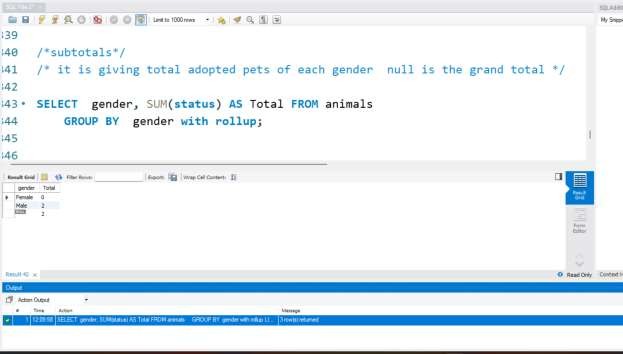
ORDER OF EXECUTION:



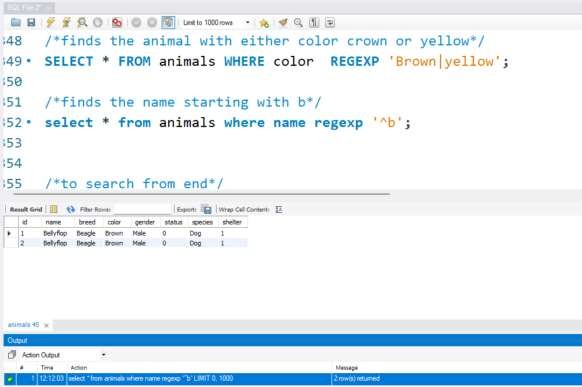
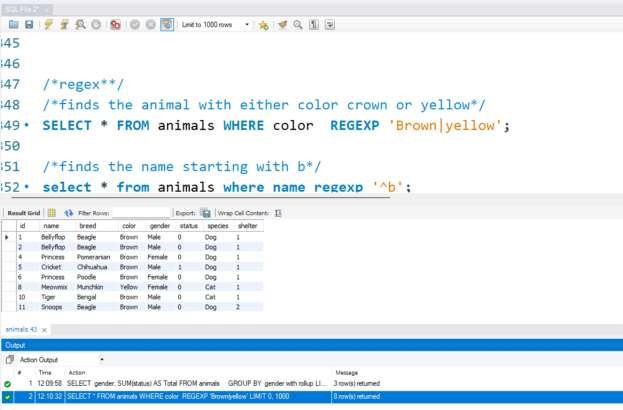
OUTPUT:

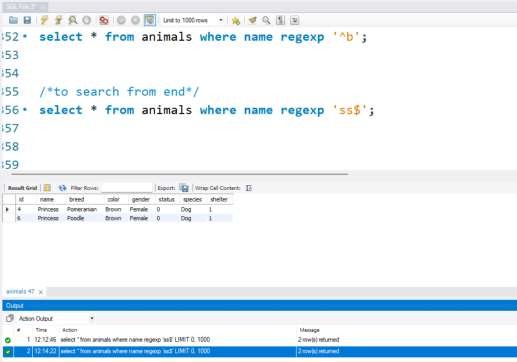


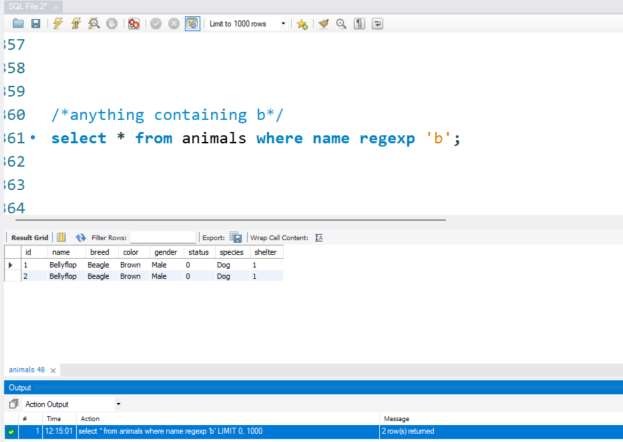
SUBTOTALS:

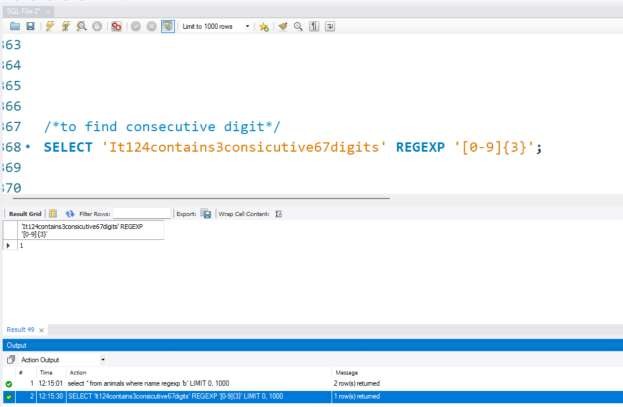


REGEX:

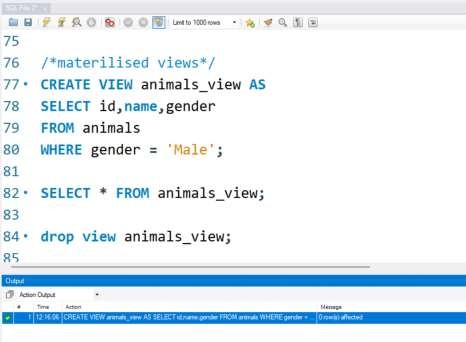








MATERIALIZED VIEW:



RETRIVEING VIEWS:

