**Problem Statement 01**

Prerequisite : **Create a table with the schema as specified below and load the data.**

1. **Problem Statement 01 Prerequisite : Create a table with the schema as specified below and load the data.**

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**Write a query to derive a new column extra\_vacation based on the tenure served, the logic is as given below. 1. If tenure < 2, Then 20 2. If tenure is 2-10 then 30 days 3. If tenure > 10 then 40 days.**

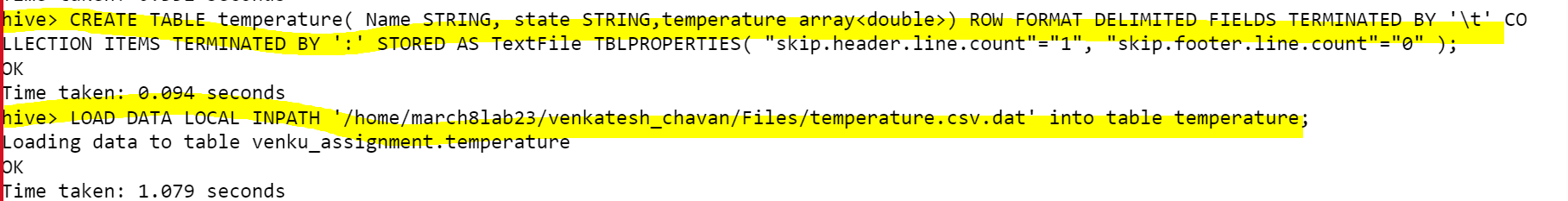
A screenshot of a computer

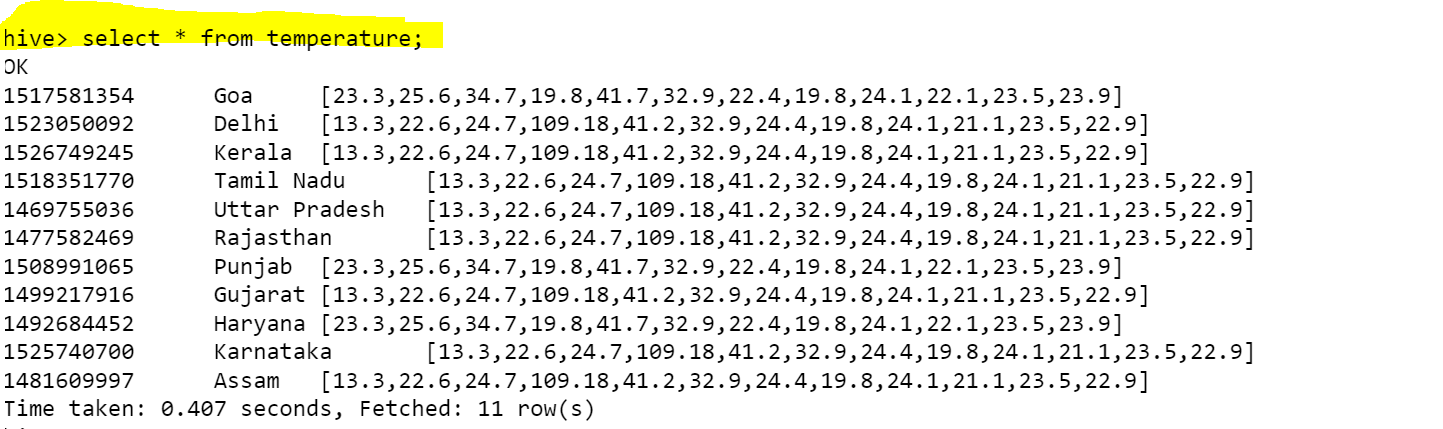
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**Problem Statement 02**

Prerequisite : **Create a table “temperature” to store the dataset as mentioned in the schema and load the data.**

**Write a query to calculate the maximum temperature of each state**





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Description automatically generated

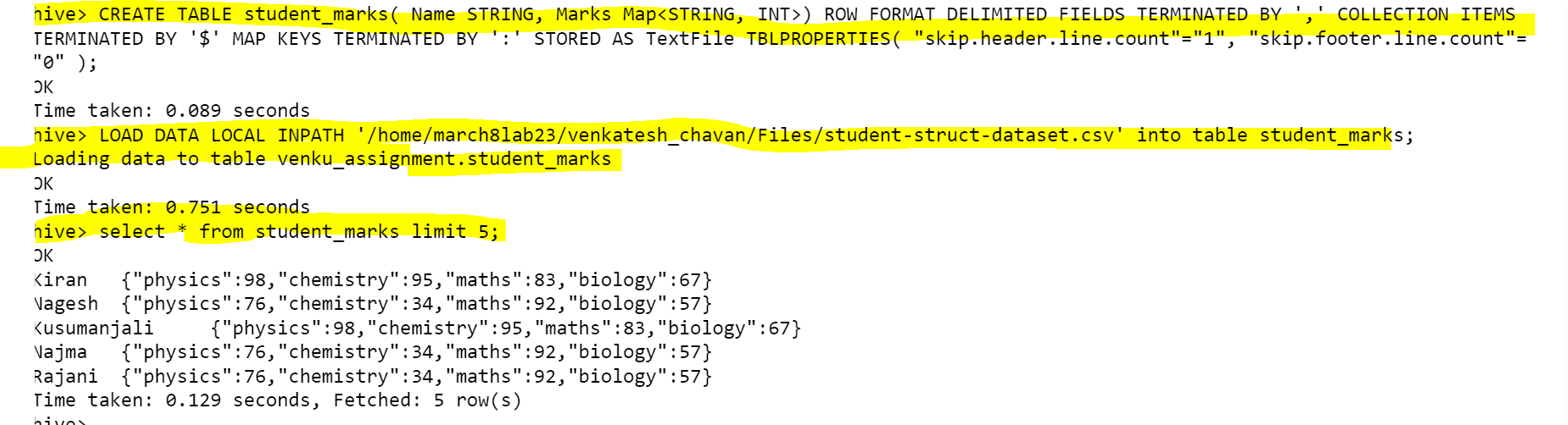
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**Problem Statement 03**

**Prerequisite :**

**Create a table 'student\_marks' with schema as shown above and load the data into the 'student\_marks' table.**



**Write a query to perform below mentioned tasks:**

1. Display NAME who have scored more than 90 in subject Maths subject

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2.Display NAME and marks scored in physics subject.

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3.Display NAME, and <Maximum-Subject-Marks>

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4.Display NAME, and <average -Subject-Marks>

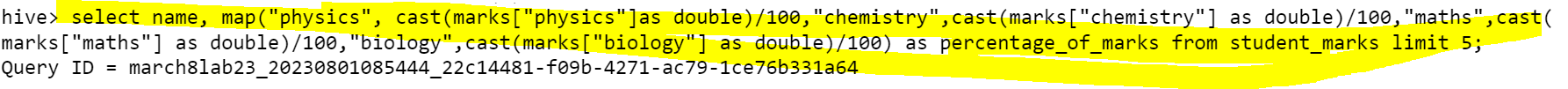
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5)Display NAME and percentage of marks



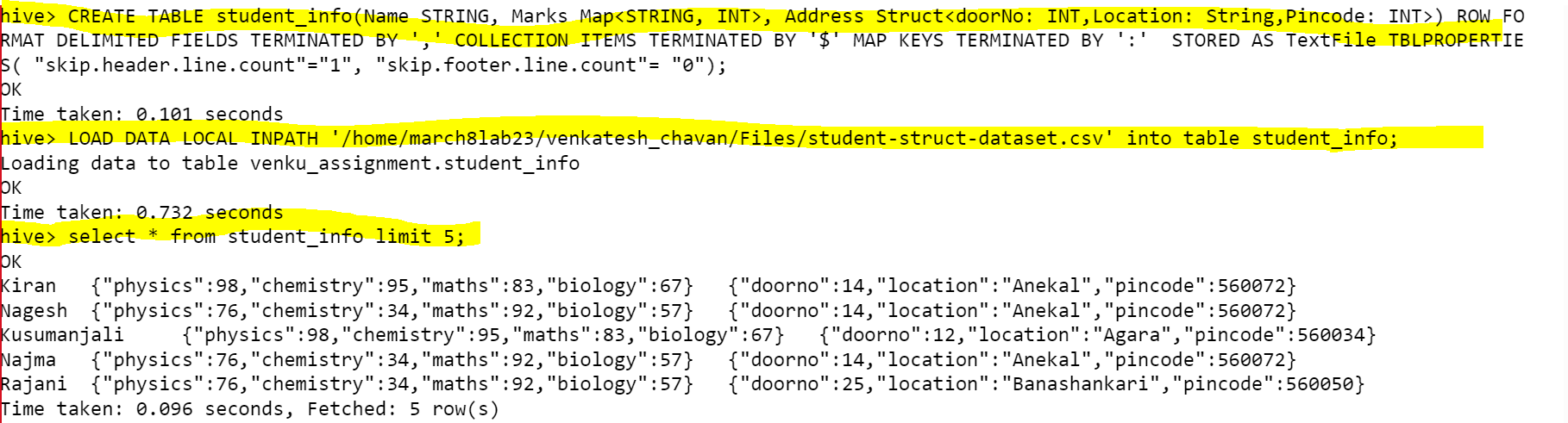
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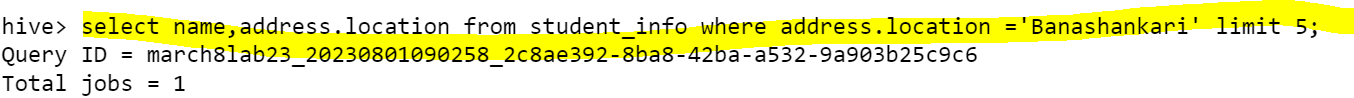
**Problem Statement 04**

**Prerequisite :**

**Create a table “student\_info” with schema as show below and load the data**



1)Display all “NAME” who is located in Banashankari



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Description automatically generated

2)Calculate the total count who is staying in pin code 560001



