**ASSIGNMENT 6**

**REGULAR EXPRESSIONS**

Submitted by: AKSHAY JAIN

Registration Number: 17BCS002

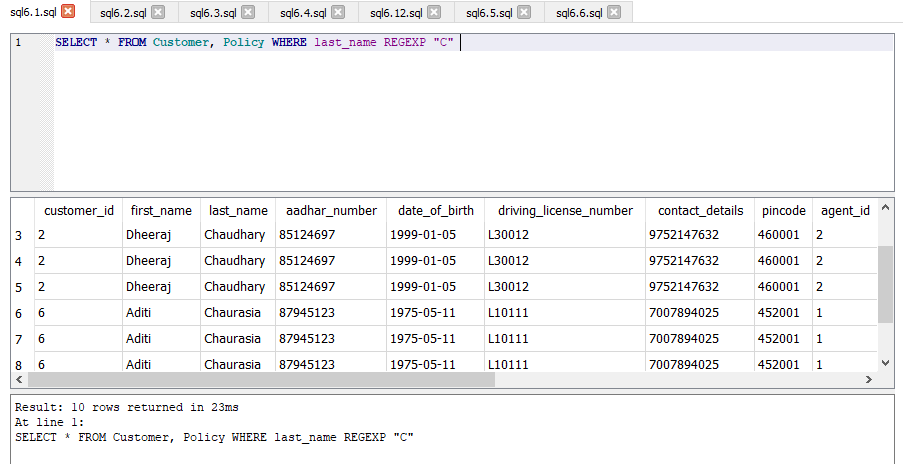
**Note:** Reference Tables at the end

**Exercise 1**

* Query:

SELECT \* FROM Customer, Policy WHERE last\_name REGEXP "C"

* View:

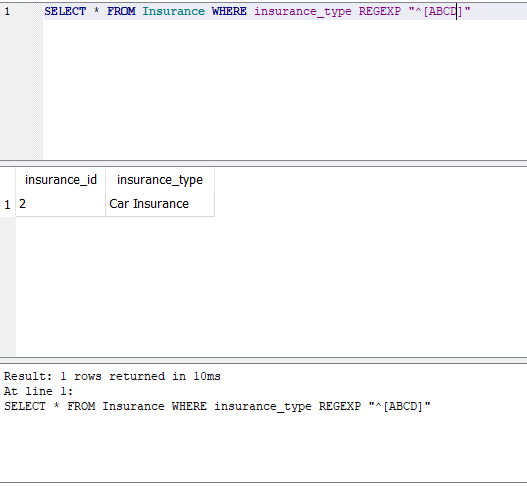


**Exercise 2**

* Query:

SELECT \* FROM Insurance WHERE insurance\_type REGEXP "^[ABCD]"

* View:

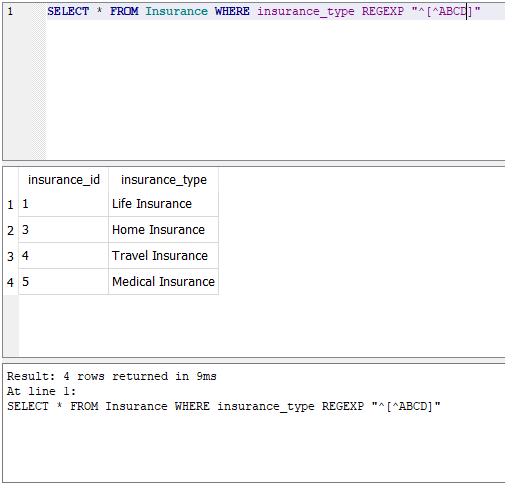


**Exercise 3**

* Query:

SELECT \* FROM Insurance WHERE insurance\_type REGEXP "^[^ABCD]"

* View:

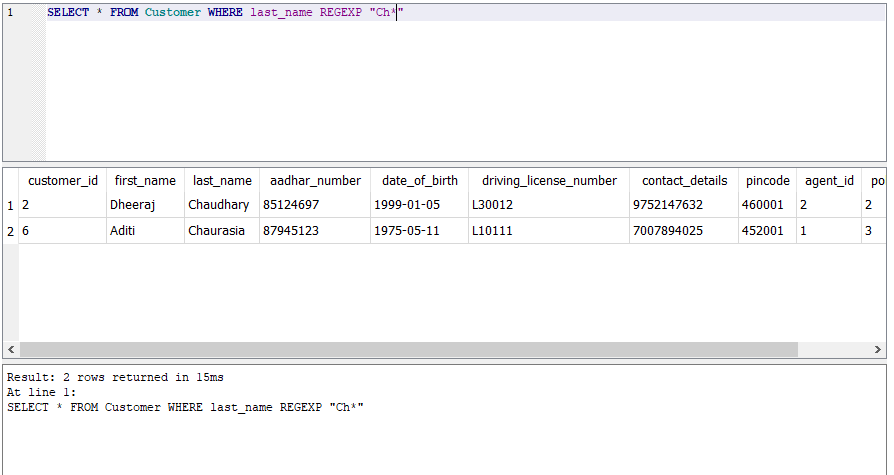


**Exercise 4**

* Query:

SELECT \* FROM Customer WHERE last\_name REGEXP "Ch\*"

* View:

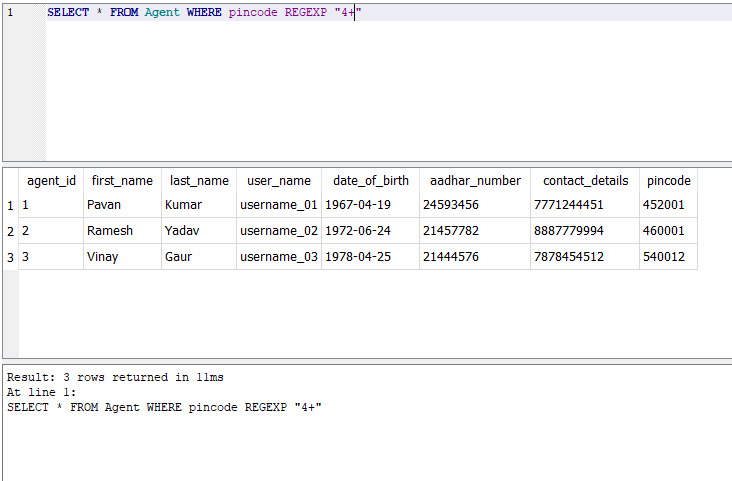


**Exercise 5**

* Query:

SELECT \* FROM Agent WHERE pincode REGEXP "4+"

* View:

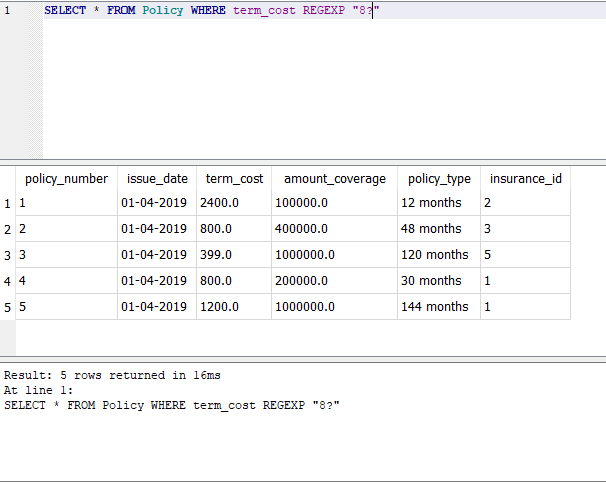


**Exercise 6**

* Query:

SELECT \* FROM Policy WHERE term\_cost REGEXP "8?"

* View:

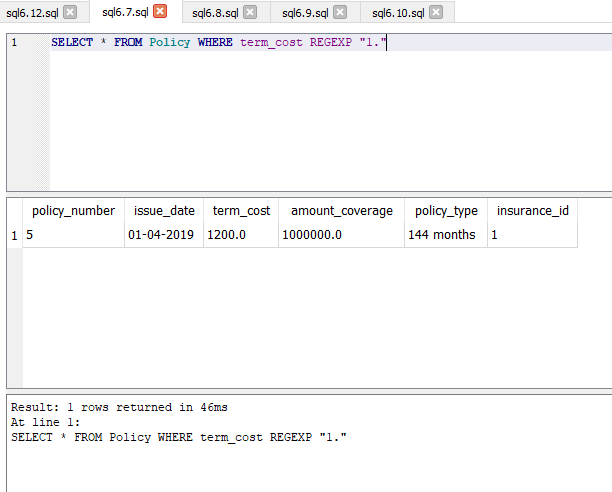


**Exercise 7**

* Query:

SELECT \* FROM Policy WHERE term\_cost REGEXP "1."

* View:

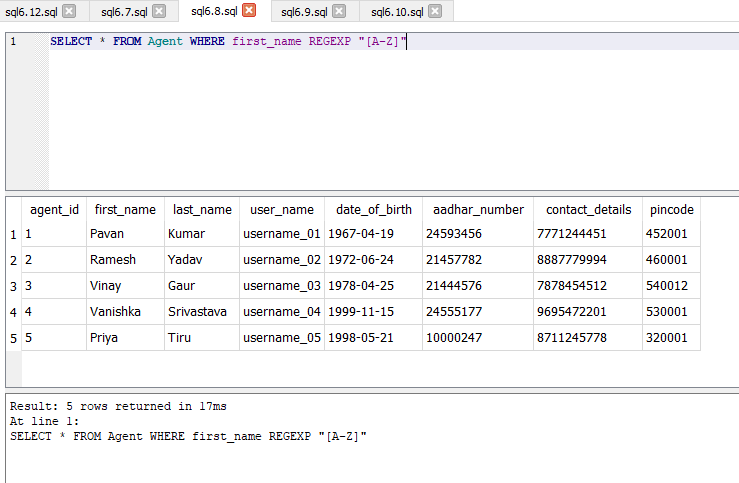


**Exercise 8**

* Query:

SELECT \* FROM Agent WHERE first\_name REGEXP "[A-Z]"

* View:

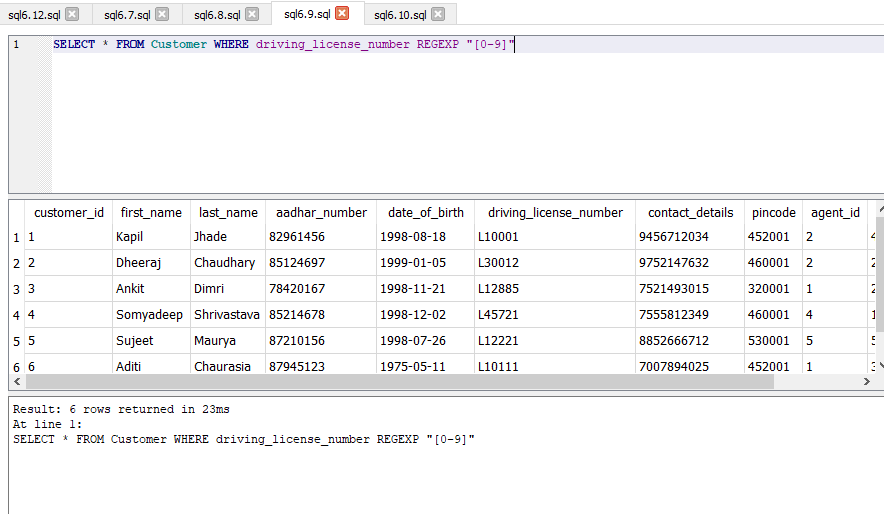


**Exercise 9**

* Query:

SELECT \* FROM Customer WHERE driving\_license\_number REGEXP "[0-9]"

* View:

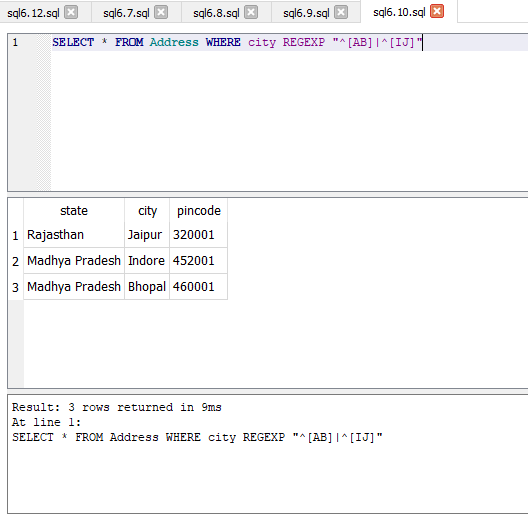


**Exercise 10**

* Query:

SELECT \* FROM Address WHERE city REGEXP "^[AB]|^[IJ]"

* View:



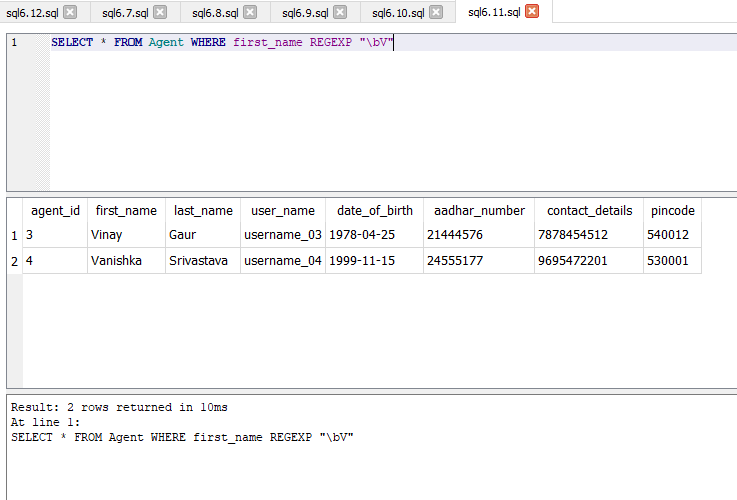
**Exercise 11**

* Query:

SELECT \* FROM Agent WHERE first\_name REGEXP "\bV"

(In SQLite the Regular Expression [[:<:]] does not work, instead we have to use “\b” which signifies the beginning of the word.)

* View:

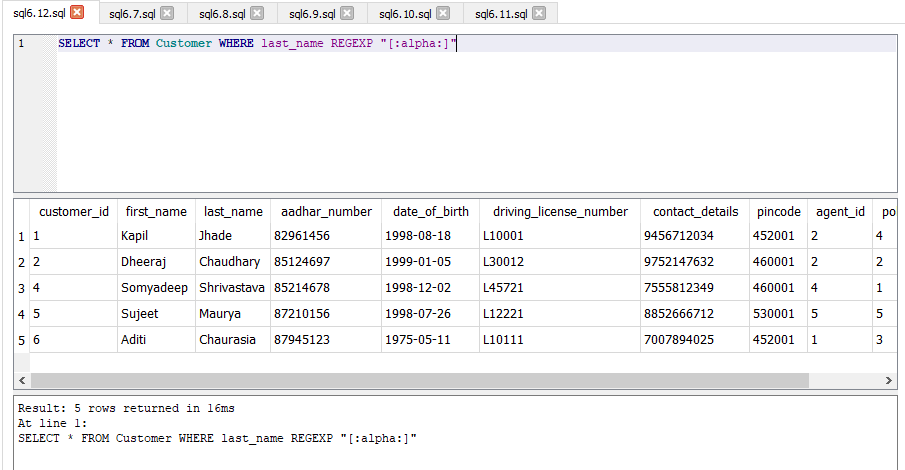


**Exercise 12**

* Query:

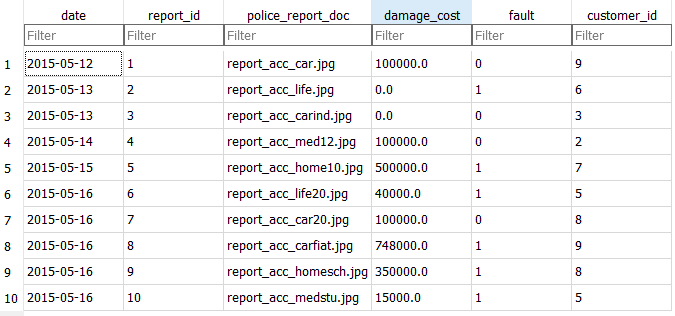
SELECT \* FROM Customer WHERE last\_name REGEXP "[:alpha:]"

* View:

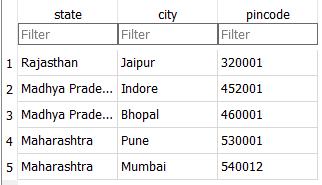


REFERENCE TABLES

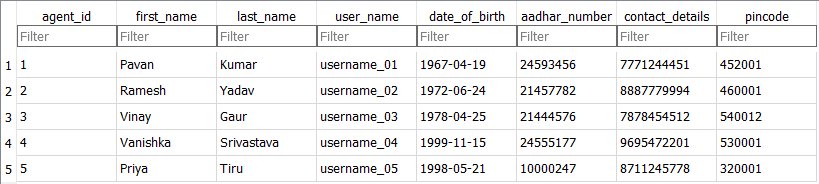
**Accident:**



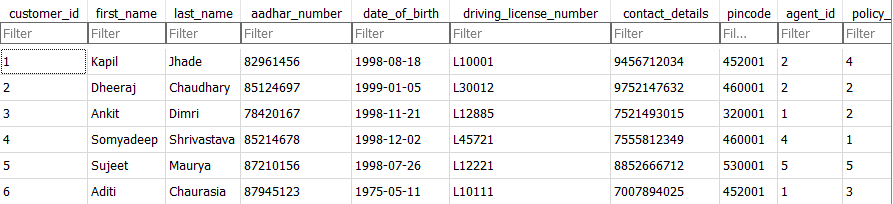
**Address:**

****

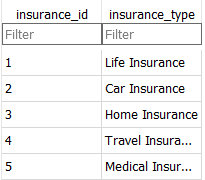
**Agent:**

****

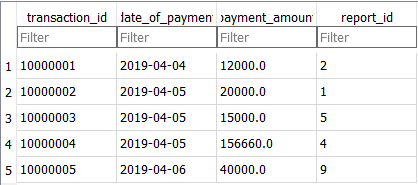
**Customer:**

****

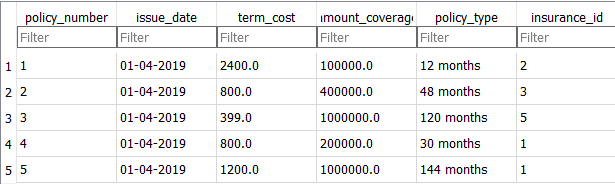
**Insurance:**

****

**Payment:**

****

**Policy:**

****