

Create a table named 'Mobile_Subscribers' with two column families, namely, 'Personal_Details' and 'Plan_Details'. Maintain the VERSION counts for the column family Personal_Details as 2 and Plan_Details as 5. Phone numbers of the subscribers are to be used as row keys.

Q1) Add the data mentioned below into the table:

1. 7007989009(Row Key),
Personal_Details:Name = 'Rahul',
Personal_Details:Document_Type='Aadhar',
Personal_Details:Document_Number='100934561234'
Plan_Details:Call_Plan='149'
Plan_Details:Data_Plan='399'
- b. 8965969019(Row Key),
Personal_Details:Name = 'Sonia',
Personal_Details:Document_Type='Aadhar',
Personal_Details:Document_Number='232934568901'
Plan_Details:Data_Plan='499'
- c. 98745654312(Row Key),
Personal_Details:Name = 'Hemraj',
Personal_Details:Document_Type='Passport',
Personal_Details:Document_Number='HJ128MN'
Plan_Details:Call_Plan='81'
- d. 98745654312(Row Key),
Personal_Details:Name = 'Shalini',
Personal_Details:Document_Type='Passport',
Personal_Details:Document_Number='HJ128MN'
Plan_Details:Call_Plan='169'
Plan_Details:Data_Plan='399'

Q2)Let's assume that after a month Rahul's call plan got expired and he did not recharge. Update the new call plan to 0. Here, 0 or non-existence of the call_plan entry represents that the user is not in possession of any active call plan.

1. Sonia opts for a new data plan of 599 INR. Update this in the table.
2. Hemraj opts for a new data plan of value 1099. Update this in the table.
3. Shalini updates her submitted document to Aadhaar, and her Aadhaar number is 134267541235. Update this in the table.

Q3)

1. Fetch the rows for which the document type is Aadhaar
2. Fetch the rows for which the document type is Passport
3. Fetch all data present in the column Name
4. Fetch all data present in the column family Plan_Details

Q4)

1. Fetch two versions of the column Data_Plan
2. Fetch two versions of the column Call_Plan
3. Pick the earliest Call_Plan for Rahul
4. Pick the earliest data_plan for Sonia
5. Pick the earliest data_plan for Hemraj
6. Pick the earliest Document_Type for Shalini

Q5)

1. Delete the earliest Call_Plan for Rahul
2. Delete the earliest data_plan for Sonia
3. Delete the earliest data_plan for Hemraj
4. Delete the earliest Document_Type for Shalini