

1. Write a program to store the province, district and municipality of the Nepal. Use any SQL database to store the data. The candidate are request to develop a program in python core without using any framework. No UI is need. User can interact on console.
 - a. The district should be related to province and municipality should be related to district.
 - b. The user should be able to create province, district and municipality.
 - c. The user should be able to get the data of district if any province is selected and if any district is again selected from the list then the name of the municipality should be displayed.
 - d. User should be able to update or delete any province or district or municipality. Note that if province is deleted then its respective district with municipality should also be deleted and so on with district.

Program Example:

1. Press 1 for creating/updating/deleting Province

- Create b. Update c. Delete
 - If **a**, the user will provide the name of the province and store it in database
 - If **b**, list the available province and ask user for previous name and current name for updating in database. If user provide invalid name for previous province field then notify user saying "Please provide valid province name"
 - If **c**, list the available province, ask user for province name and ask for confirmation. If user provide invalid name for previous province field then notify user saying "Please provide valid province name"

2. Press 2 for creating/updating/deleting District

- Create b. Update c. Delete
 - If **a**, the user should be listed with province that is present in database and ask for province name and district. If user provide invalid province name, then notify the user with "please provide valid province name as listed". If valid province name is provided then store the district associating with province
 - If **b**, list the available district and ask user for dristrict name and current name for updating in database. If user provide invalid name for previous district field then notify user saying "Please provide valid district name"

- If c, list the available district and ask user for district name and ask for confirmation. If user provide invalid name for district field then notify user saying “Please provide valid district name”

3. **Press 3 for creating/updating/deleting Municipality**

- Create b. Update c. Delete
 - If a, the user should be listed with district that is present in database and ask for district and Municipality name. If user provide invalid district name, then notify the user with “please provide valid district name as listed”. If valid district name is provided then store the district associating with district.
 - If b, list the available Municipality and ask user for Municipality name and current name for updating in database. If user provide invalid name for previous Municipality field then notify user saying “Please provide valid district name”
 - If c, list the available Municipality and ask user for Municipality name and ask for confirmation. If user provide invalid name for Municipality field then notify user saying “Please provide valid district name”

4. **Press 4 for listing Province district**

- List the available province and ask user input for province name. If invalid province name is provided then notify the user.
- After selecting a valid province name list the district of that province

5. **Press 5 for listing District Municipality**

- List the available district and ask user input for district name. If invalid district name is provided then notify the user.
- After selecting a valid district name list the Municipality of that district