Wildlife Conservation Database Application

Data Base Management Systems (CS6106)

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Batch: MN

Wildlife Conservation Project

Explanations:

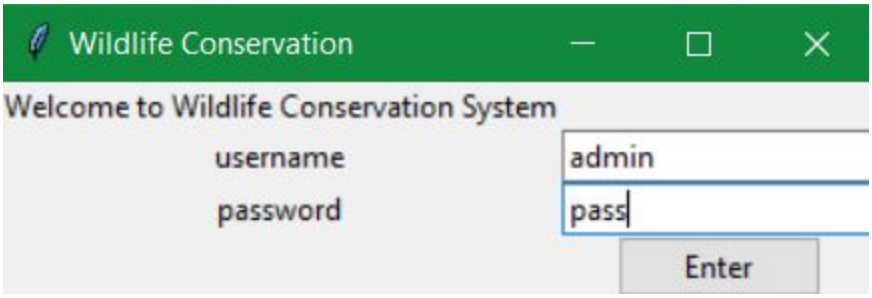
In the first file of our project , we connect to the sqlite3 database provided by python and establish a cursor. Using the cursor , we create the tables:
wildlife:To store the populations of the concerned species
cla:To store the classifications of the concerned species
invasive:To contain data about the invasive species
dreason:To contain data about the cause of death of threatened species

In the second file of our project , we import the tkinter module to create the required GUI as well as sqlite3 to connect to the .db file we made before.
Functions provided by the GUI:
1.Requests for username and password
Correct username:admin
Correct password:pass
2.The main menu , containing several options
3.Windows for viewing data, entering changes or new data
4.Confirmation boxes to save changes to the database
5.Different types of data can be viewed , like causes of death , population and classification
6.Data about invasive species can be viewed
7.Changes to the invasive species data

In short the application created can efficiently maintain ecological data that can provide an organisational role in conservational efforts.

Output:

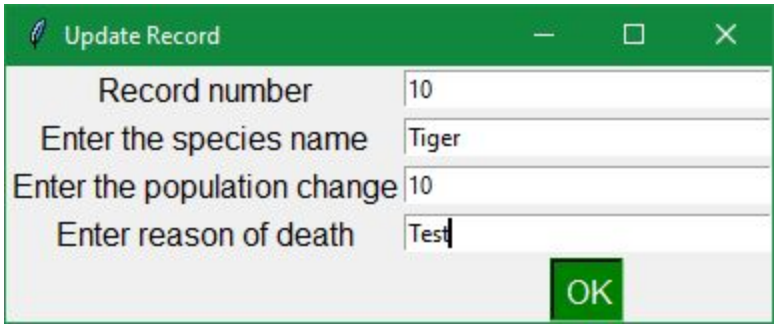
1. **Login Screen** (Username: admin and Password: pass)



2. **Main Menu**

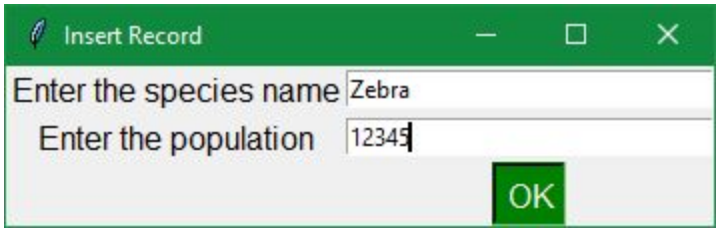
3.**Show all Records**

4. **Update Records**

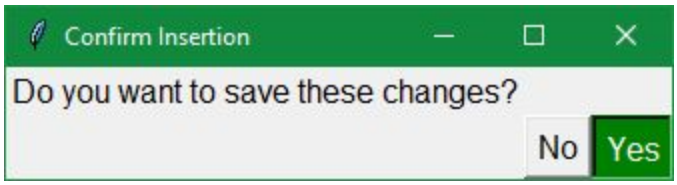


Records after updation

5. **Insert Record**



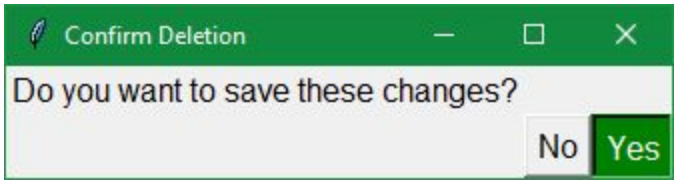
Confirmation of Insertion



Records after Insertion

6. **Delete a Record**

Confirmation of Deletion



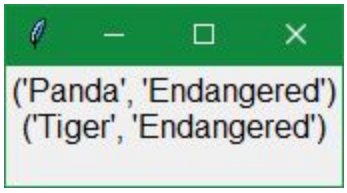
Records after Deletion

7. **Classifications**

All Classifications

Threatened Classifications

Endangered Classifications

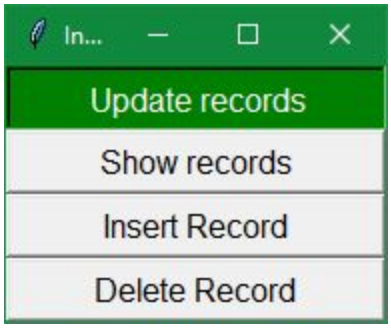


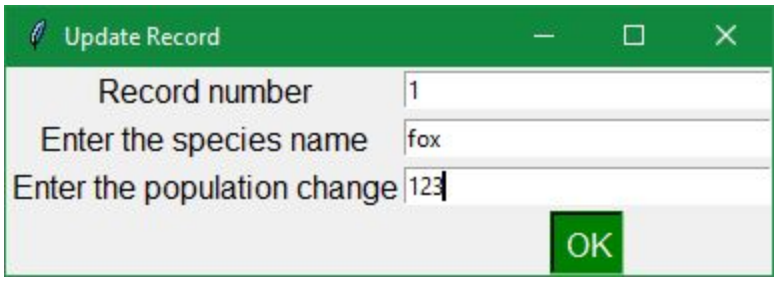
Critically Endangered Classifications

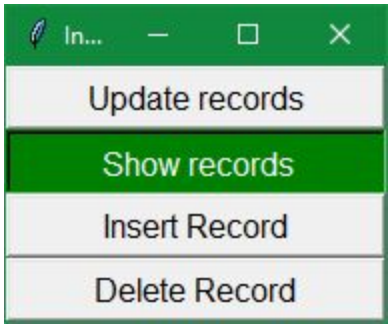
8. **Cause of Death (COD)**

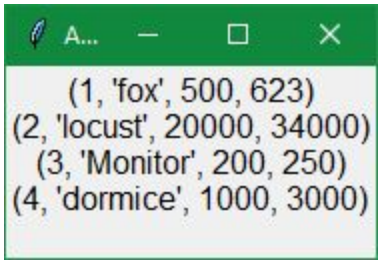
9. **Invasive Species**

10. **Updating** Invasive species data



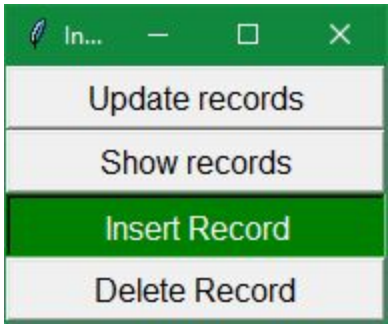


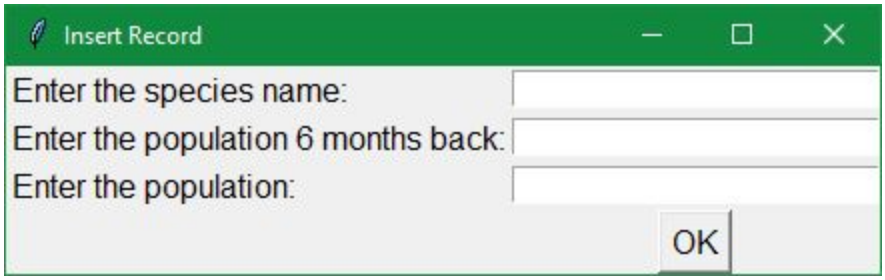


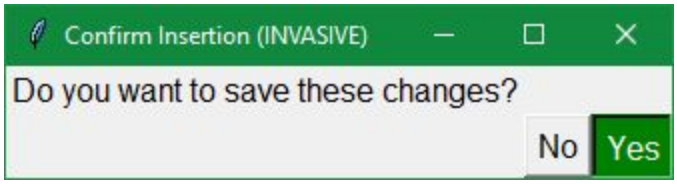


Records after Update

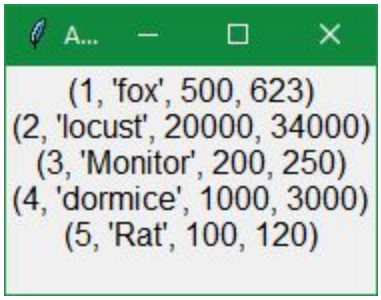
11. **Inserting** invasive species data





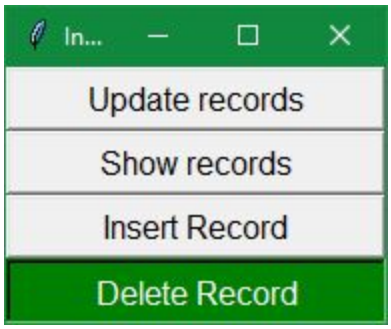


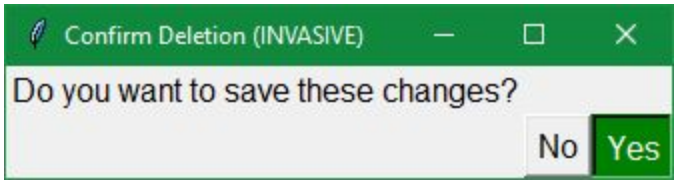
Confirmation of Insertion of invasive specieses



Records after Insertion

12. **Deleting** invasive species data





Confirmation of Deletion of invasive species