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| 1 | Create a table which has name and date of birth of a person.  (Use date type for date of birth, enter date as ‘yyyy-mm-dd’)   1. Read the name and date of birth from the keyboard for four records, store them in a list of tuples and insert into the table. (Use executemany function) 2. Display the name and the age of the person (in years).   Check julianday() function  julianday(d1)-julianday(d2) gives the difference between two dates in no of days   1. Find all persons whose birthday falls in a given month (eg: input is ‘04’ for april,’01’ for jan)   Check strftime() function. strftime(‘%m’,date) returns month |
| 2 | Create a table Person, with fields Name (contains first name followed by last name), Age, AreaofInterest (Music, Dance, Sports, Travel), Occupation   1. Find all persons whose last name is “Sharma” 2. Find the most common area of interest among all persons 3. Delete all entries having area of interest other than ( Music, Dance, Sports, Travel)   Experiment autocommit feature in sqlite |
| 3 | Create table department with fields ID primary key, name  Create table employee with fields ID primary key, name, age, salary, deptid(foreign key refers id in dept)   1. Find youngest employee from each department 2. Display department name and total number of employees in that department 3. Find the department name with the highest paid employee. Also display employee name. |
| 4 | Experiment with ply  Tokenize the following as follows:  abc \* b => (abc, ID) (\*, OP) (b, ID)  pq \*\* b => (pq, ID) (\*\*, OP) (b, ID)  ab < bc + cd => (ab, ID) (< , OP) (bc, ID) (+, OP) (cd, ID)  p --- q => (p, ID) (--, OP) (-, OP) (q, ID) |

**PAP Week 9 Lab Assignments**