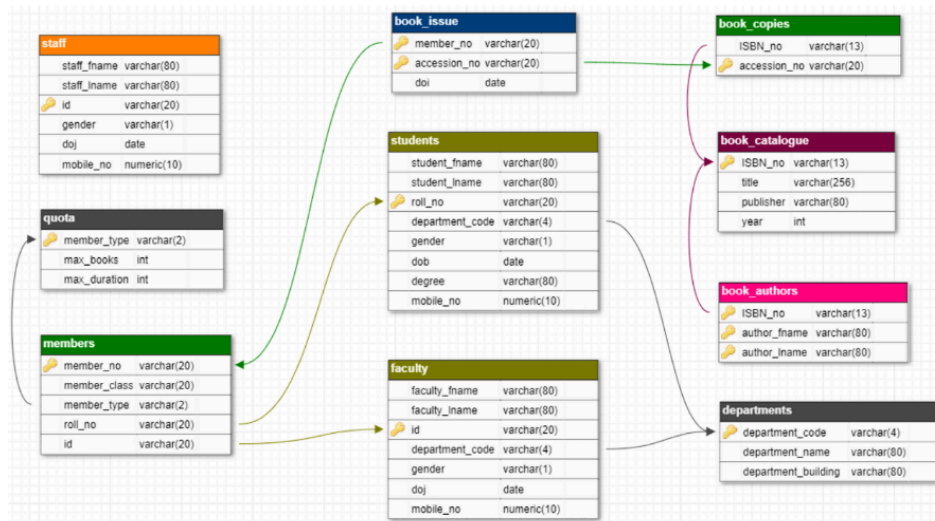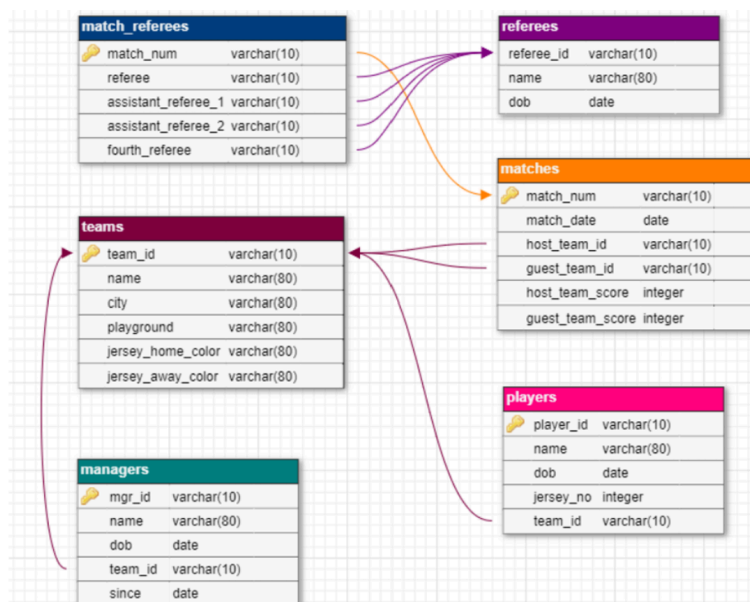# DBMS OPPE 25_T2_Aug_17

1. Write an SQL query to find the titles and publishers of books where the title contains the word Python. Display title and publisher name. [Database: LIS]
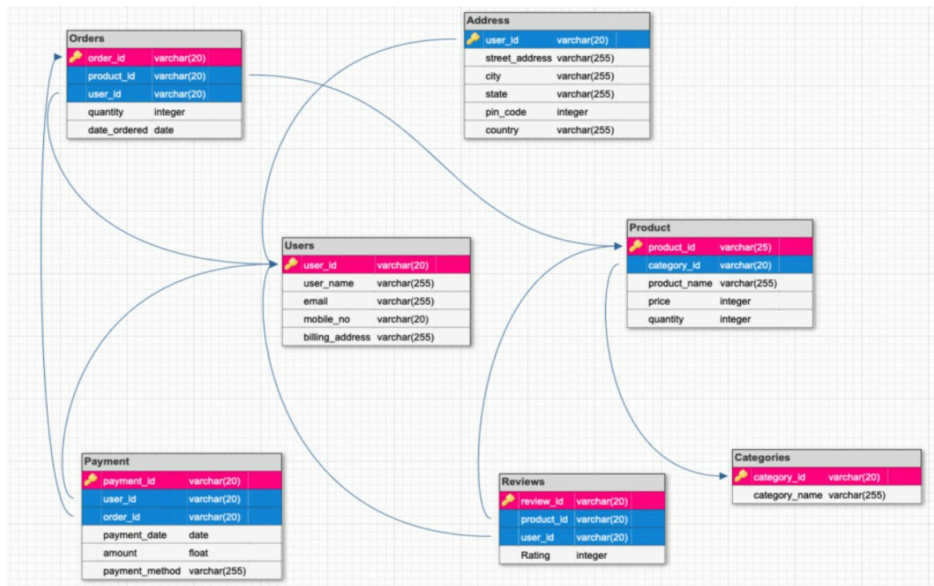

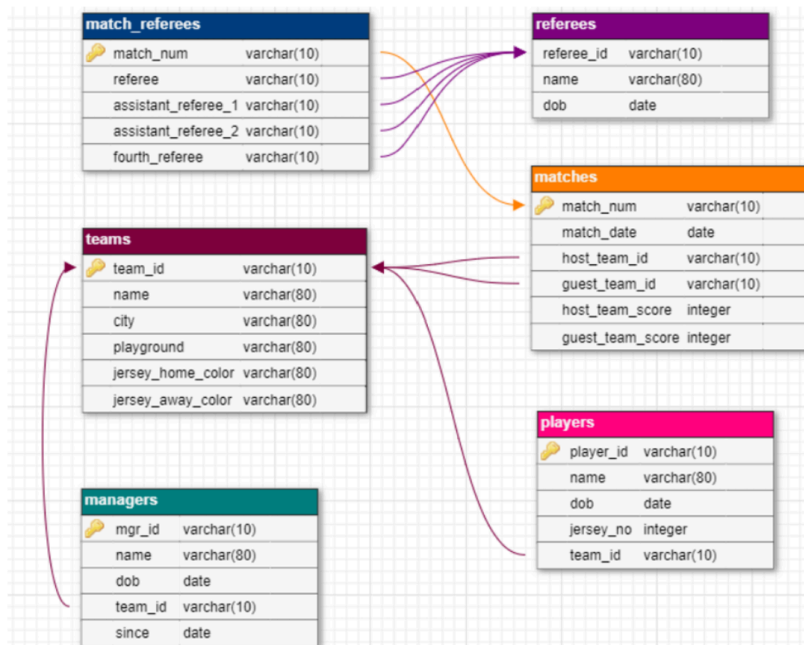2. Write an SQL query to find the name of the host team that played a match on '2020-05-15'. [Database: FLIS]

3. Write an SQL query to find the product name whose price is higher than the average price of all products. Display product_name and price [Database: eshop]
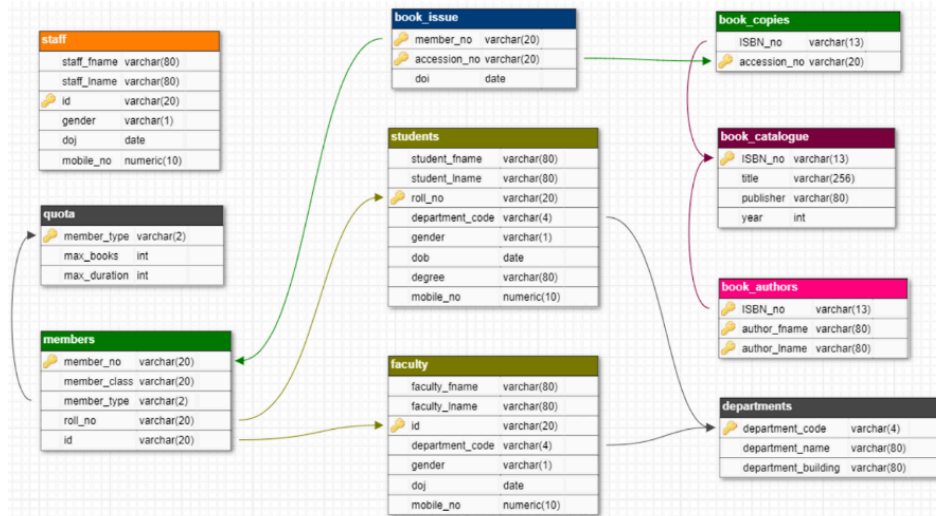

4. Write an SQL query to find the players name, jersey number and team name of players whose jersey number is greater than the average jersey number of their team. [Database: FLIS]
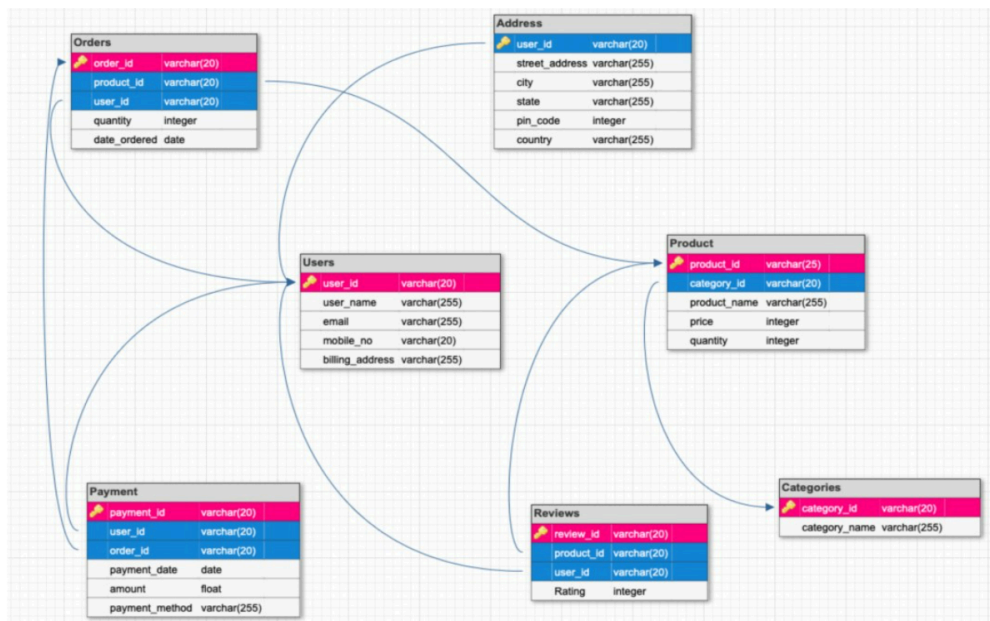
5. Write an SQL query to find the total number of books available in the library for publishers NCERT, Wiley, and CareerCup. Display Publisher name along with total books. (Hint: number of books means number of copies.) [Database: LIS]
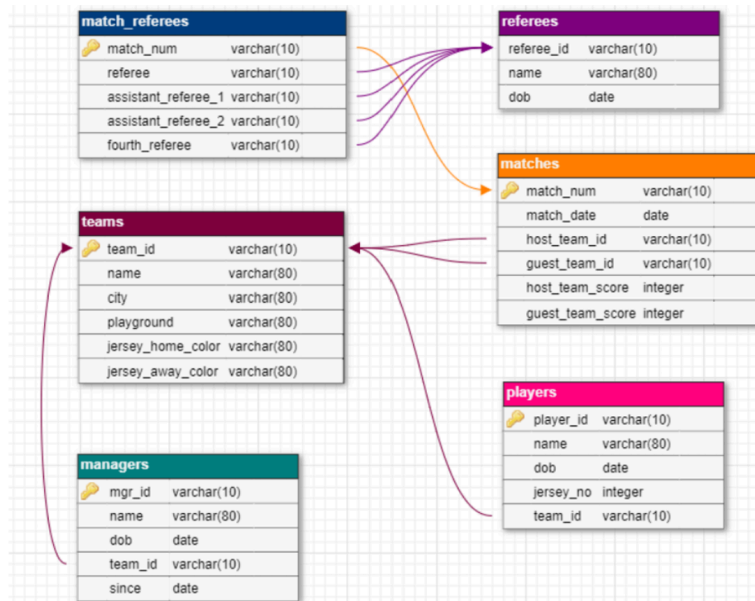

6. Write an SQL query to find the names of users who have placed orders for products in the 'Footwear' category. [Database: eshop]

7. Write an SQL query to find the team names that have never lost a match (as a host or as a guest). [Database: FLIS]

FLIS Schema

Python-PostgreSQL Questions (Solve Any One)

Instructions:

Note: Do not hard code the database name in your program, because your program will be run against a different database instance for evaluation.

For the database connection, use the following connection string variables:

database = `sys.argv[1]` //name of the database is obtained from the command line argument

user = os.environ.get('PGUSER')

password = os.environ.get('PGPASSWORD')

host = os.environ.get('PGHOST')
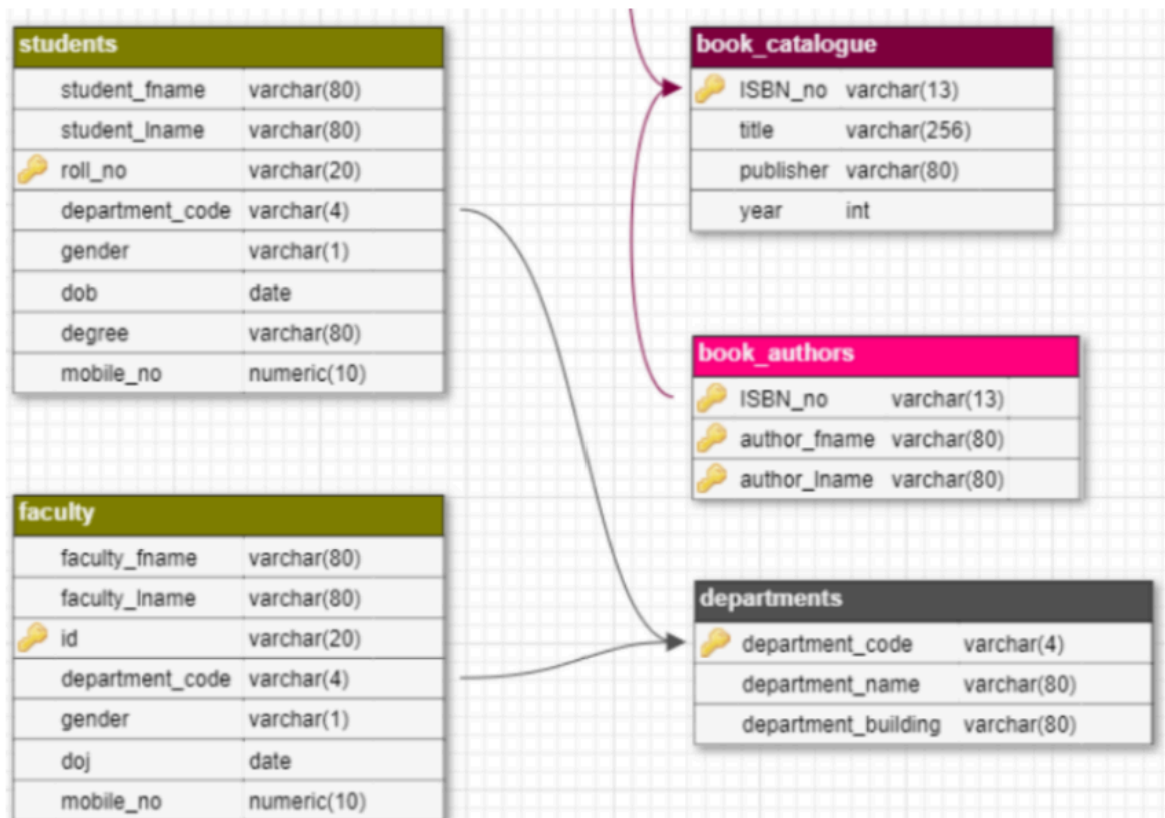
port = os.environ.get('PGPORT')

8.

Problem Statement :-

Write a Python program that reads a student's first name from a file named name.txt (in the same folder as the program), retrieves the student's gender, and prints MALE if the gender is M or FEMALE if the gender is F .
For example, if the first name of the student is 'Vikas' and the gender is 'M'. Then output must be MALE only. Note: No spaces.
For example, if the first name of the student is 'Rita' and the gender is 'F'. Then output must be FEMALE only. Note: No spaces.

9.

Problem Statement:-
Write a Python program that reads a student's first name from a file named name.txt
(located in the same folder as the Python program). The program should then find the
student's date of birth and calculate the sum of all digits in that date.
Example 1:
First name: Vikas
Date of Birth: 2002-05-09
Calculation: 2 + 0 + 0 + 2 + 0 + 5 + 0 + 9 = 18
Output: 18
Example 2:
First name: Abdul
Date of Birth: 2003-04-21
Calculation: 2 + 0 + 0 + 3 + 0 + 4 + 2 + 1 = 12
Output: 12
Note: Only the digits in the date of birth are considered for summation.