HTML CSS

Task 1 :

Create a personal portfolio web page that showcases your skills, projects, and provides a means for visitors to get in touch with you through a contact form.

1. Create a HTML and CSS Project with multiple pages like home, about, contact, skills, courses etc.
2. Create a Navbar linking each page, keeping minimal content.
3. Add relevant content for home and about page such as text, images and videos etc.
4. Add a form so that whoever visits your portfolio can contact you through that form.

DATABASE TASKS

Task 1:

1. Create an ER diagram for
    1. Hospital management system – RIT
    2. School managemnet system - NSS
    3. Employee Management system - GEC
2. Setup the Postgre on your machine and create a DB.
3. Add tables respective to ER diagrams
4. Add data to each table with minimum of 100 rows.
5. Write a Select query with and without conditions.
6. Write an insert query to add new data for all the tables
7. Write an Delete query to delete any existing data for all the tables.
8. Write an Update query to update any existing data for all the tables.

File Object Tools Help

Object Explorer

ICINE/... ×   public.MEDICINE/... ×   HOSPITAL MANA... ×   HOSPITAL MANA... ×   HOSPITAL MANAGEMENT/postgres@PostgreSQL 16* × ∨ ⋮

HOSPITAL MANAGEMENT/postgres@PostgreSQL 16   ∨

> Foreign Data Wrappers
> Languages
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∨ Schemas (1)
  ∨ public
    > Aggregates
    > Collations
    > Domains
    > FTS Configurations
    > FTS Dictionaries
    > Aa FTS Parsers
    > FTS Templates
    > Foreign Tables
    > Functions
    > Materialized Views
    > Operators
    > Procedures
    > 1.3 Sequences
    ∨ Tables (3)
      > DOCTOR
      > MEDICINE
      > PATIENT
    > Trigger Functions
    > Types
    > Views
> Subscriptions
∨ postgres

No limit ∨

Query   Query History   Scratch Pad ×

```
1  SELECT id, first_name, last_name, designation
2     FROM public."DOCTOR"
3     WHERE designation='Cardiologist';
```

Data Output   Messages   Notifications

	id [PK] integer	first_name character varying (60)	last_name character varying (60)	designation character varying (60)
1	75005	Dulci	Scotson	Cardiologist
2	53140	Lizzie	Jakuszewski	Cardiologist
3	73595	Paloma	Jansema	Cardiologist
4	27893	Mirna	Kimmons	Cardiologist
5	82912	Augustine	Blazic	Cardiologist
6	98194	Vince	Hayworth	Cardiologist
7	63142	Godfrey	Orrow	Cardiologist

Total rows: 33 of 33   Query complete 00:00:01.224   Ln 3, Col 22

Type here to search   Record high   3:34 PM 2/21/2024

File Object Tools Help

Object Explorer

- Foreign Data Wrappers
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      - DOCTOR
      - MEDICINE
      - PATIENT
    - Trigger Functions
    - Types
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- Subscriptions
- postgres

MANA... ×   public.DOCTOR/H... ×   public.DOCTOR/H... ×   HOSPITAL MANA... ×   HOSPITAL MANAGEMENT/postgres@PostgreSQL 16* ×

HOSPITAL MANAGEMENT/postgres@PostgreSQL 16

No limit

Query   Query History   Scratch Pad ×

```
1  DELETE FROM public."PATIENT"
2      WHERE disease='Obesity';
```

Data Output   Messages   Notifications

DELETE 24

Query returned successfully in 1 secs 772 msec.

Total rows: 0 of 0   Query complete 00:00:01.772   Ln 2, Col 19

Type here to search   35°C Mostly sunny   4:54 PM 2/21/2024

File Object Tools Help

Object Explorer

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    > Foreign Tables
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MANA... × HOSPITAL MANA... × public.DOCTOR/H... × public.DOCTOR/H... × HOSPITAL MANAGEMENT/postgres@PostgreSQL 16* × ∨ ⋮

HOSPITAL MANAGEMENT/postgres@PostgreSQL 16   ∨

No limit ∨

Query   Query History   Scratch Pad ×

```
1  UPDATE public."MEDICINE"
2      SET expiry_date='1/11/2027'
3      WHERE id='5';
```

Data Output   Messages   Notifications

UPDATE 1

Query returned successfully in 2 secs 70 msec.

Total rows: 0 of 0   Query complete 00:00:02.070   Ln 3, Col 15

Type here to search   35°C Mostly sunny   ∧   4:51 PM
                                                                                          2/21/2024

File Object Tools Help

Object Explorer | ICINE/... × | public.MEDICINE/... × | public.MEDICINE/... × | HOSPITAL MANA... × | HOSPITAL MANAGEMENT/postgres@PostgreSQL 16* × | ∨ | ⋮

> Foreign Data Wrappers
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      > PATIENT
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    > Types
    > Views
> Subscriptions
∨ postgres

HOSPITAL MANAGEMENT/postgres@PostgreSQL 16   ∨

No limit ∨

Query | Query History   Scratch Pad ×

```
1  SELECT id, first_name, last_name
2      FROM public."DOCTOR";
```

Data Output   Messages   Notifications

	id [PK] integer	first_name character varying (60)	last_name character varying (60)
1	23162	Daisy	Oen
2	55061	Hillier	Thomke
3	57099	Torie	Grebert
4	69964	Rose	Whayman
5	75180	Vilma	Canwell
6	34515	Mia	Carless
7	78401	Costa	Gai

Total rows: 350 of 350   Query complete 00:00:02.909   Ln 1, Col 33

Type here to search   Hot weather   3:29 PM   2/21/2024

Entity-Relationship Diagram

PATIENT entity attributes:
- Gender
- Disease
- Patient Id
- Name
  - First name
  - Last name
- Contact No.

DOCTOR entity attributes:
- Phone No.
- Doctor Id
- Gender
- Designation
- Name
  - Firstname
  - Last name

MEDICINE entity attributes:
- Id
- Expiry date
- Usage
- Name
- Manufacturer
- Unit price

Relationships:
- Treat (between PATIENT and DOCTOR)
- Bill (between PATIENT and MEDICINE)