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1. Creating the database, using the database and creating the table

```
mysql> CREATE DATABASE BookDB;
Query OK, 1 row affected (0.02 sec)

mysql> USE BookDB;
Database changed
mysql> CREATE TABLE Books(
    →       BookID INT PRIMARY KEY,
    →       Title VARCHAR(50) NOT NULL,
    →       Author VARCHAR(100) NOT NULL,
    →       Genre VARCHAR(50) NOT NULL,
    →       PublicationYear YEAR NOT NULL
    → );
Query OK, 0 rows affected (0.06 sec)
```

2. Inserting data into the table

```
mysql> INSERT INTO Books (BookID, Title, Author, Genre, PublicationYear)
    → VALUES
    → (1, 'JoJo''s Bizarre Adventure - Jojolion', 'Hirohiko Araki', 'Action', '2020'),
    → (2, 'One Piece', 'Eiichiro Oda', 'Adventure', '1997'),
    → (3, 'Naruto', 'Masashi Kishimoto', 'Action', '1999'),
    → (4, 'Attack on Titan', 'Hajime Isayama', 'Fantasy', '2009'),
    → (5, 'Dragon Ball', 'Akira Toriyama', 'Action', '1984'),
    → (6, 'My Hero Academia', 'Kohei Horikoshi', 'Superhero', '2014'),
    → (7, 'Fullmetal Alchemist', 'Hiromu Arakawa', 'Fantasy', '2001'),
    → (8, 'Death Note', 'Tsugumi Ohba', 'Mystery', '2003'),
    → (9, 'Demon Slayer: Kimetsu no Yaiba', 'Koyoharu Gotouge', 'Dark Fantasy', '2016'),
    → (10, 'One Punch Man', 'ONE', 'Superhero', '2009');
Query OK, 10 rows affected (0.03 sec)
Records: 10  Duplicates: 0  Warnings: 0
```

Kindly find the code in the link to the GitHub repository attached here:

https://github.com/Karume-lab/plp-Database/blob/main/9-SELECT.sql

3. Selecting

```
mysql> SELECT * FROM Books WHERE PublicationYear = '2020';
+--------+-------------------------------------+-----------------+--------+-----------------+
| BookID | Title                               | Author          | Genre  | PublicationYear |
+--------+-------------------------------------+-----------------+--------+-----------------+
|      1 | JoJo's Bizarre Adventure - Jojolion  | Hirohiko Araki  | Action |            2020 |
+--------+-------------------------------------+-----------------+--------+-----------------+
1 row in set (0.00 sec)

mysql> SELECT DISTINCT Genre FROM Books;
+--------------+
| Genre        |
+--------------+
| Action       |
| Adventure    |
| Fantasy      |
| Superhero    |
| Mystery      |
| Dark Fantasy |
+--------------+
6 rows in set (0.00 sec)

mysql> SELECT Author AS BookAuthor FROM Books ;
+------------------+
| BookAuthor       |
+------------------+
| Hirohiko Araki   |
| Eiichiro Oda     |
| Masashi Kishimoto |
| Hajime Isayama   |
| Akira Toriyama   |
| Kohei Horikoshi  |
| Hiromu Arakawa   |
| Tsugumi Ohba     |
| Koyoharu Gotouge |
| ONE              |
+------------------+
10 rows in set (0.00 sec)
```

Kindly find the code in the link to the GitHub repository attached here:

https://github.com/Karume-lab/plp-Database/blob/main/9-SELECT.sql