



COMPUTER SCIENCE PROJECT WORK

LIBRARY MANAGEMENT SYSTEM

Made By:

Manas Madan :

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Sanyam Singh :

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SQL QUERIES USED:

SQL QUERIES

```
1 CREATE DATABASE Library
```

```
1 CREATE Table issues(  
2     book_isbn varchar(15),  
3     username varchar(20),  
4     Date_Of_Issue DATE,  
5     PRIMARY KEY (username),  
6     FOREIGN KEY (username)  
7     REFERENCES members(username),  
8     FOREIGN KEY (book_isbn)  
9     REFERENCES books(ISBN)  
10 )
```

```
1 CREATE Table books(  
2     Book_Name varchar(20),  
3     ISBN varchar(15),  
4     Author varchar(20)  
5     ,Date_Of_Publishing DATE,  
6     PRIMARY KEY (ISBN)  
7 )
```

```
1 CREATE Table members(  
2     username varchar(20),  
3     password varchar(100),  
4     Date_Of_Registration DATE,  
5     PRIMARY KEY (username)  
6 )
```

A Separate File [setup.py](#) has been created that does all this for you.

1. It Creates The Database Library
2. Then It Creates Three Tables Under Database Library:
 - a. Books
 - b. Members
 - c. Issues

BIBLIOGRAPHY & REFERENCES

- [SQL Reference](#)
- [Colored Python Terminal](#)
- [Python and MySQL Connector Reference](#)
- [MySQL Python Connector Docs](#)