**NPI000150 INDIVISUAL PART**

**Individual part: DDL**

Screen shot and table are given below of query and their respective result.

**Database**

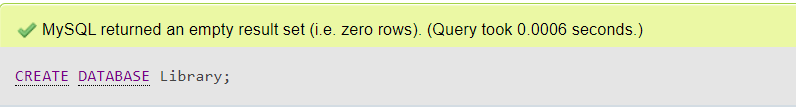


Fig 1: Query to create database

**Book**

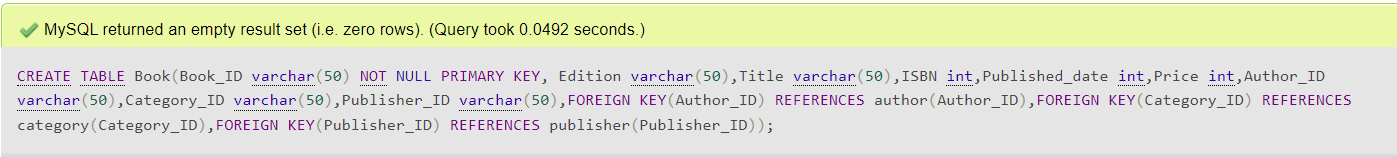


Fig 2: Query to create table

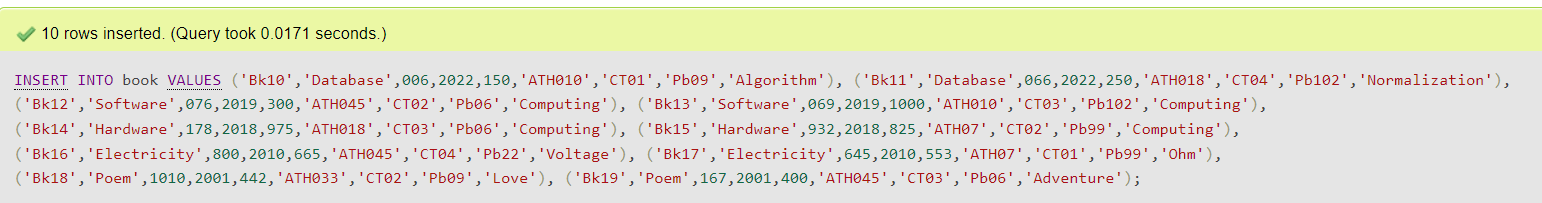


Fig 3: Query to insert value in book table

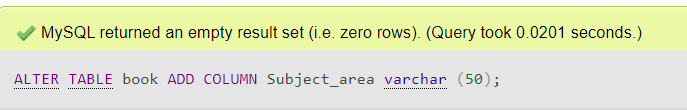
****

Fig 4: Adding column in book

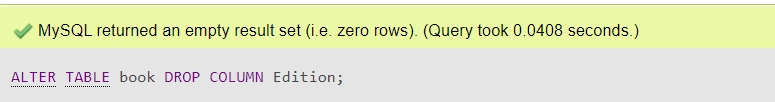
****

Fig 5: Drop column in book

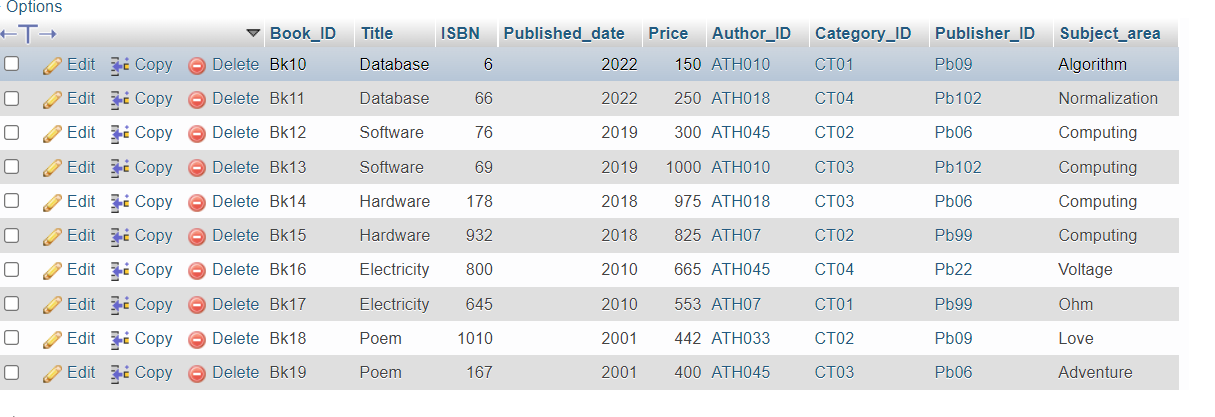
****

Fig 6: Overall table of book

**Author**

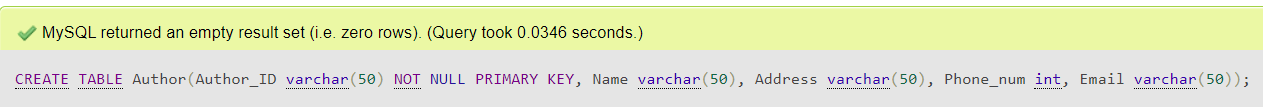
****

Fig 7: Query to create author table

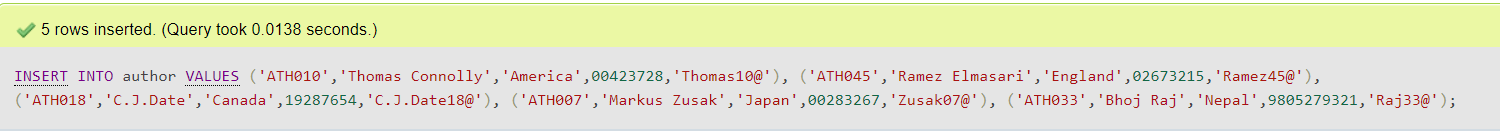


Fig 8: Query to insert value

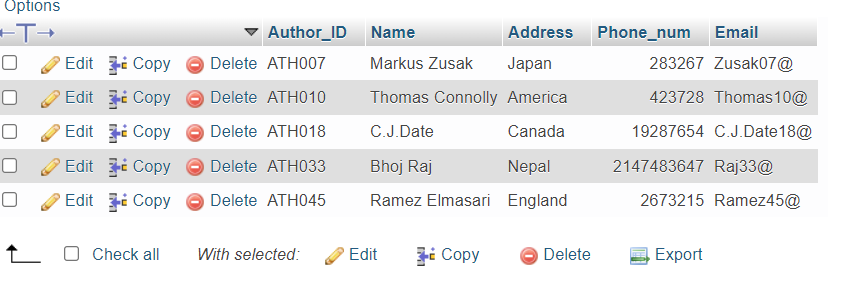
****

Fig 9: Overall table of Author

**Bill**

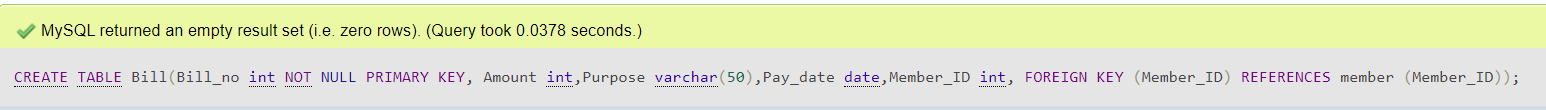
****

Fig 10: Query to create bill table

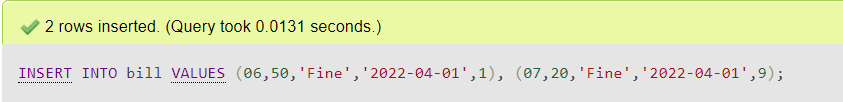


Fig 11: Query to insert value in table

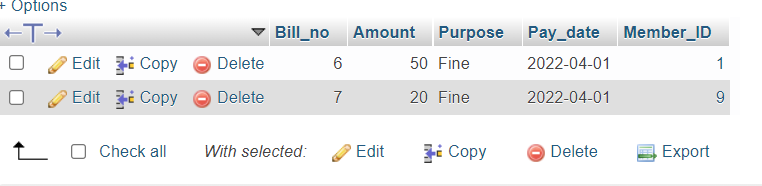


Fig 12: Overall table of bill

**Book\_loan**

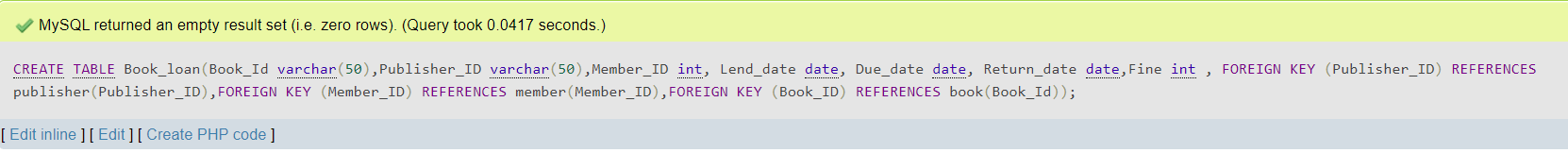
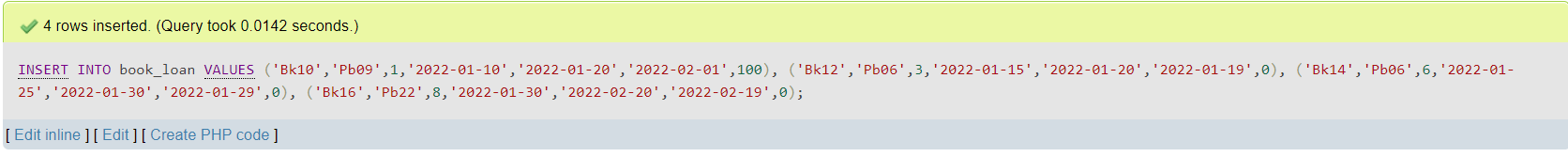
****

Fig 13: Query to create book\_loan table

Fig 14: Query to insert value in table

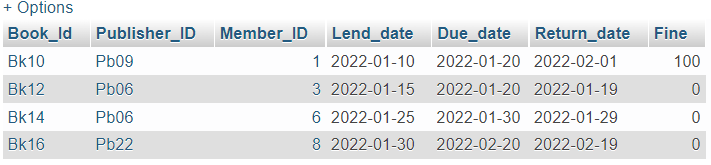
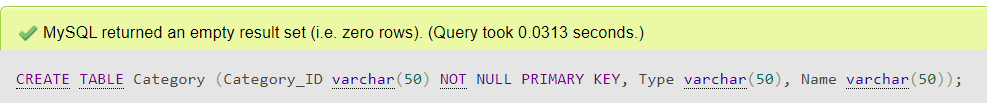
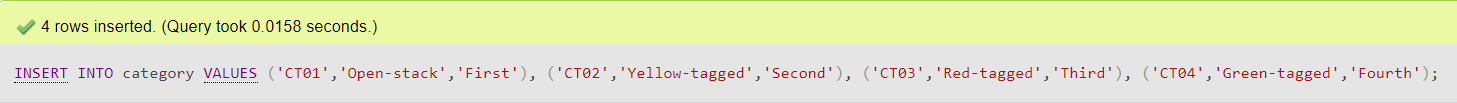


Fig 15: Overall table of Book\_loan

**Category**

****Fig 16: Query to create Category table

****Fig 17: Query to insert value in table

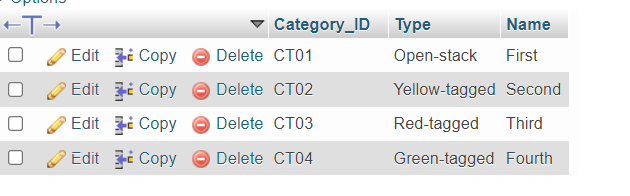
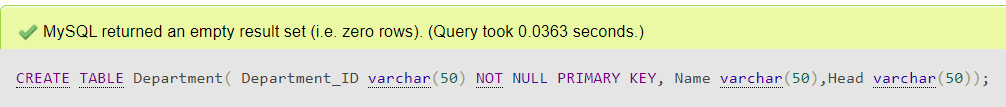
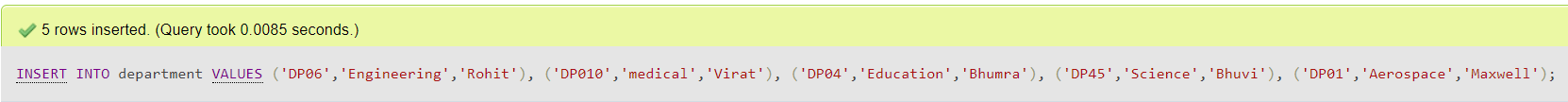
****

Fig 18: Overall table

**Department**

****Fig 19: query to create department table

****Fig 20: Query to insert values in table

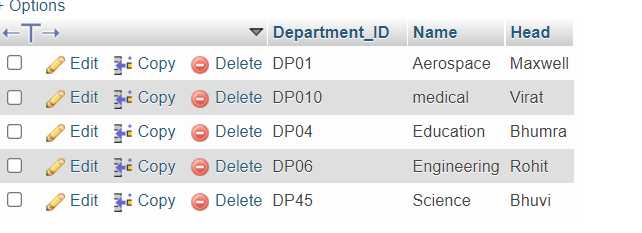


Fig 21: Overall table

**Member**

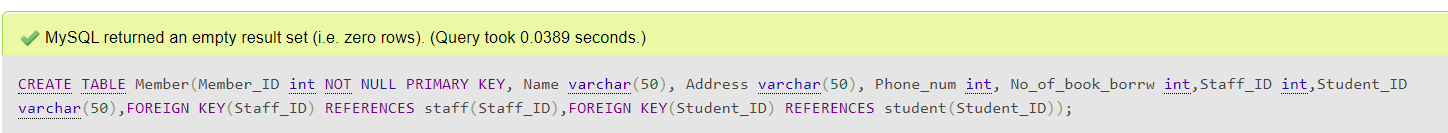
****

Fig 22: Query to create member table

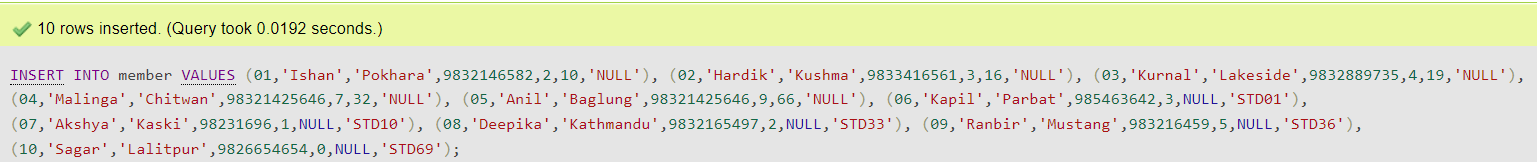
****

Fig 23: Query to insert values in table

****

Fig 24: Overall table

In this table member status and Department\_ID are added to connect the member table and department table directly.

Query to ADD those column in that table are:

Alter table member add column Member\_status varchar (50);

Alter table member add column Department\_ID varchar (50);

**Publisher**

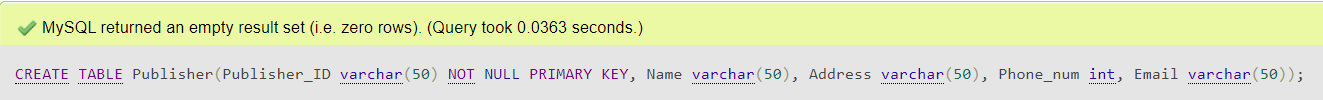


Fig 25: Query to create publisher table

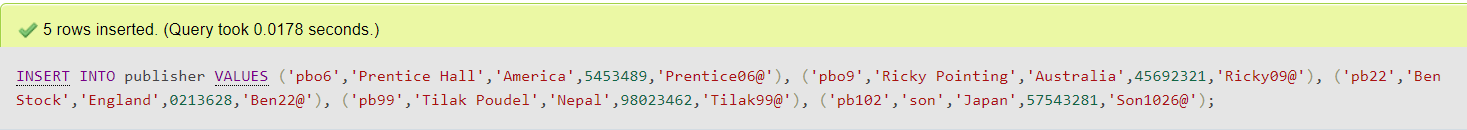
****

Fig 26: Query to insert values in table

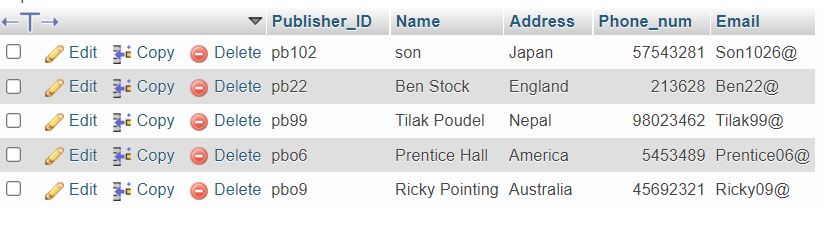


Fig 27: Overall table

**Report**

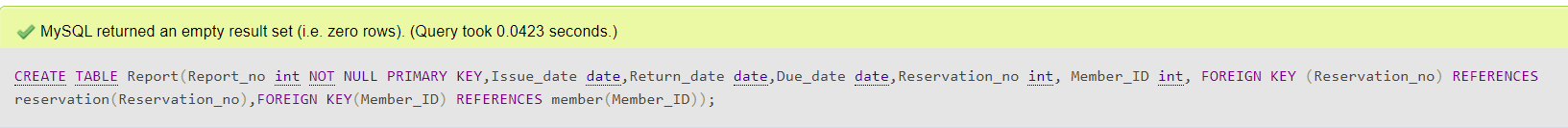
****

Fig 28: Query to create report table

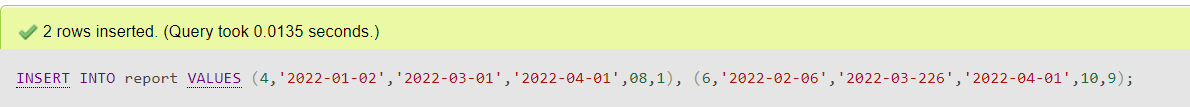
****

Fig 29: Query to insert values in table

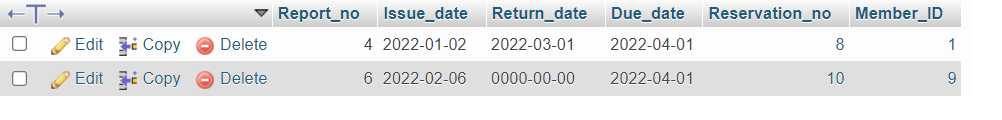
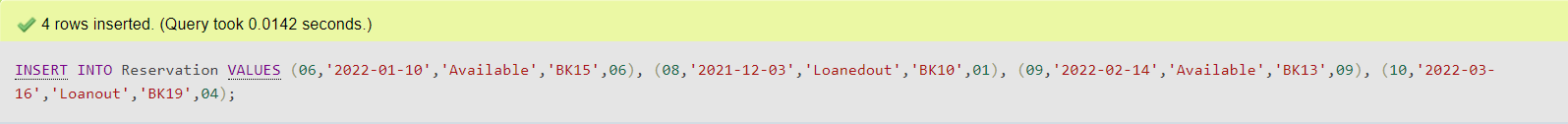


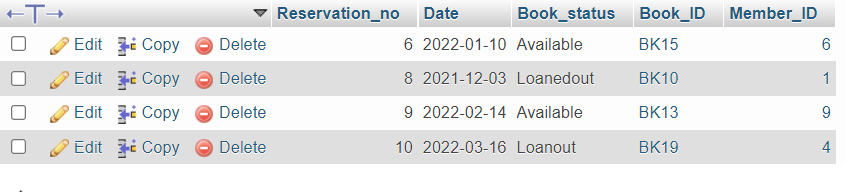
Fig 30: Overall table

**Reservation**

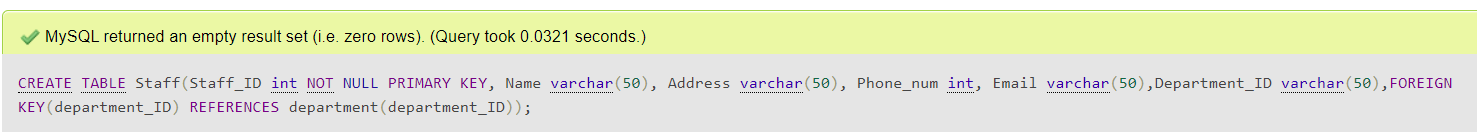
****

Fig 31: Query to create reservation table

 Fig 32: Query to insert values in table

Fig 33: Overall table

**Staff**

****Fig 34: Query to create staff table

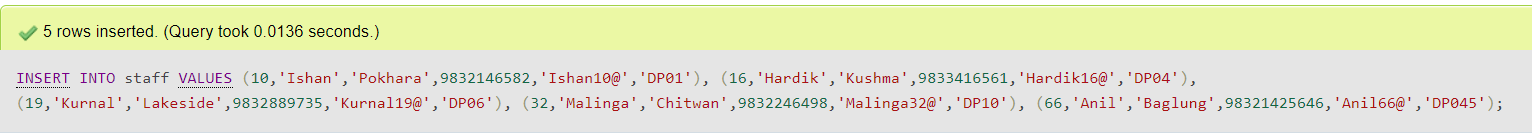
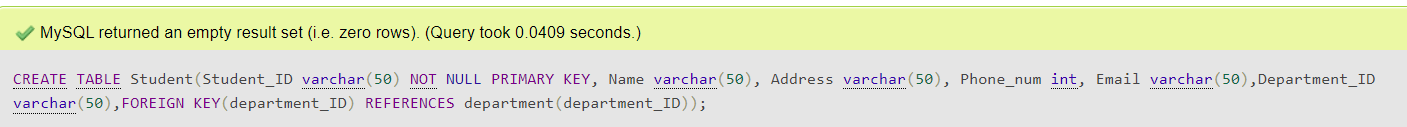
****

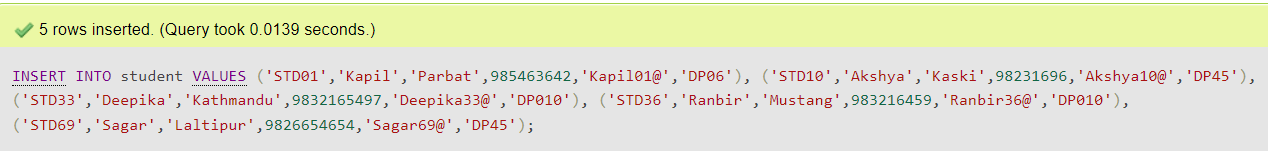
Fig 35: Query to insert values in table

****

Fig 36: Overall table

**Student**

****Fig 37: Query to create student table

****Fig 38: Query to insert values in table

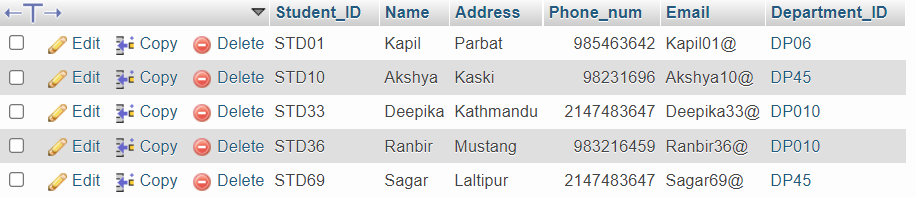
****

Fig 39: Overall table

**DML**

Sql data manipulation language:

From the question number 2.

**Question number 2 a) Answer**

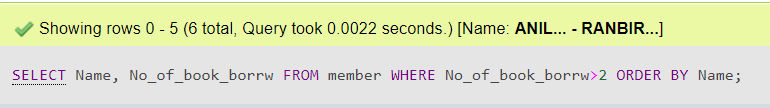


Fig 40: Query

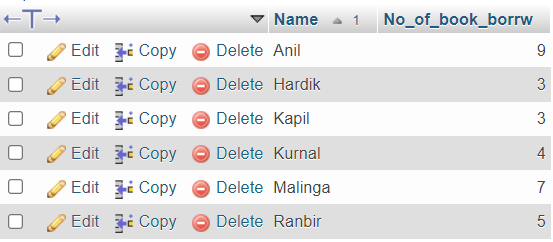


Fig 41: Result

**Question number 2 b) Answer**

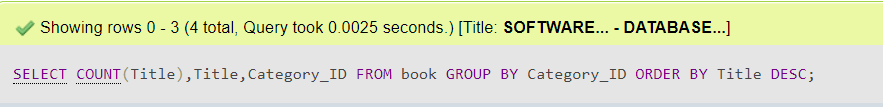


Fig : Query

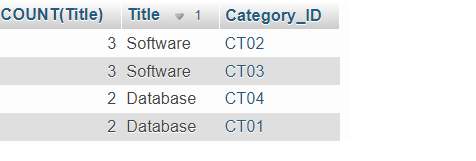


Fig 42: Result

**Question number 2 c) Answer**

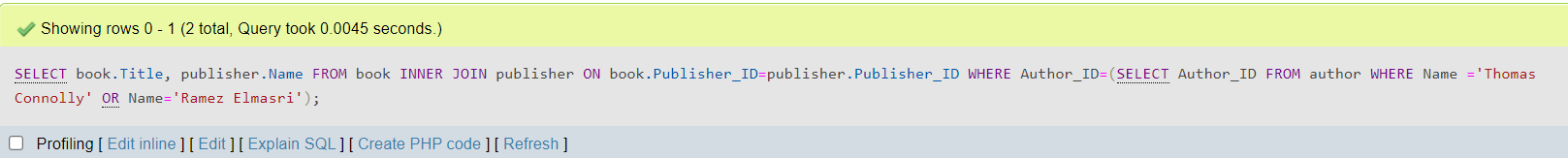


Fig 43: Query



Fig 44: Result

**Question number 2 d) Answer**

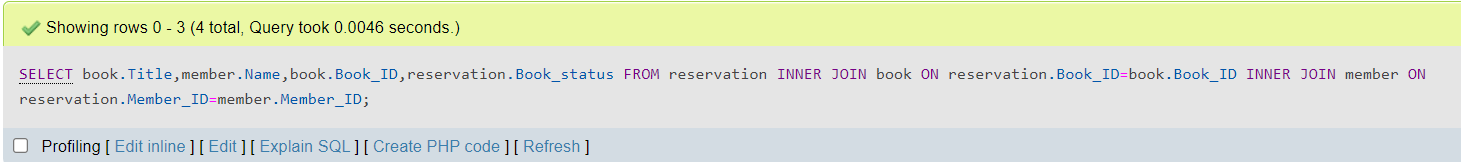
****

Fig 45: Query

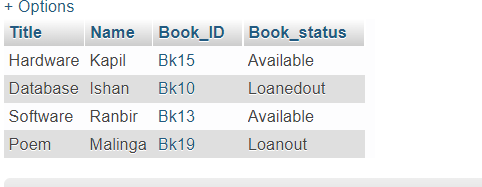


Fig 46: Result

**Question number 2 e) Answer**

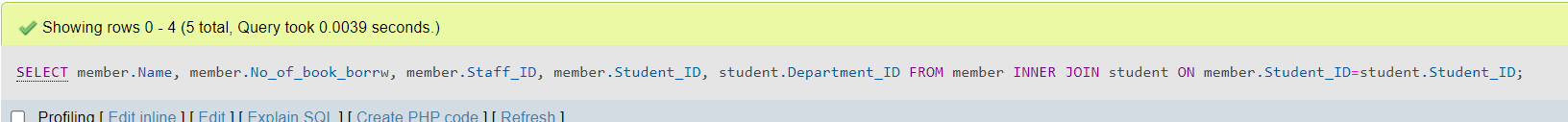
****

Fig 47: Query

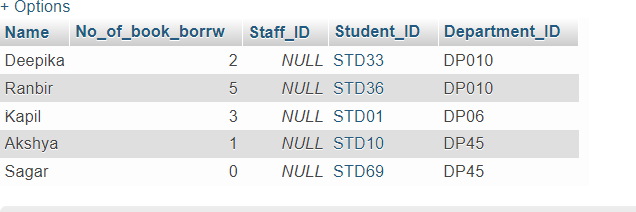


Fig 48: Result

**Question number 2 f) Answer**

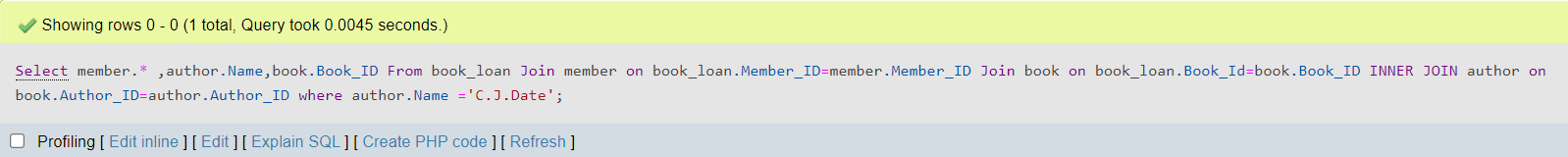
****

Fig 49: Query

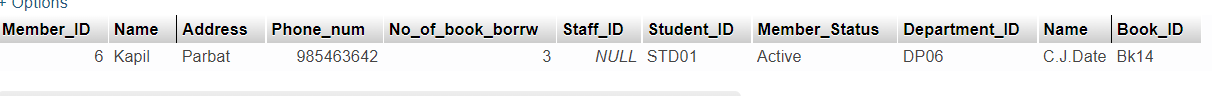


Fig 50: Result

**Question number 2 g) Answer**

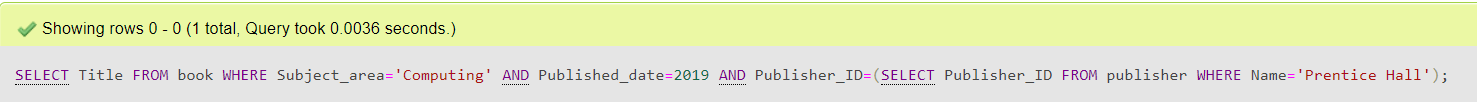
****

Fig 51: Query

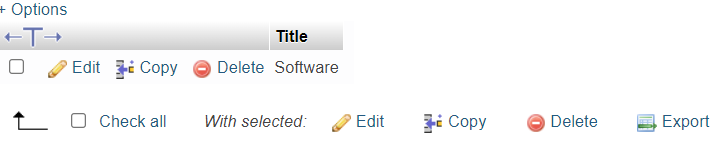


Fig 52: Result

**Question number 2 h) Answer**

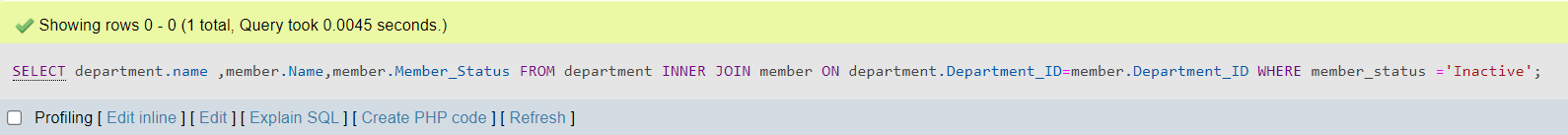
****

Fig 53: Query

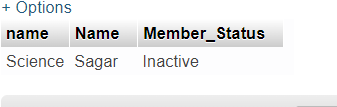


Fig 54: Result

**Question number 2 i) Answer**

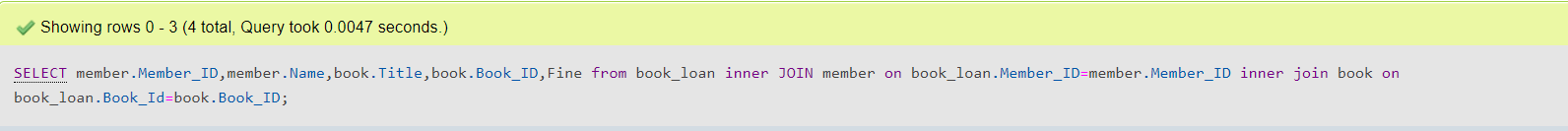
****

Fig 55: Query

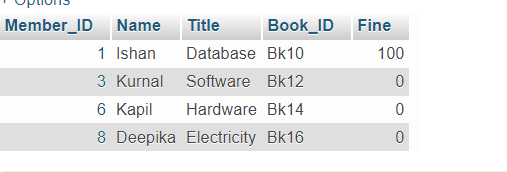


Fig 56: Result

**Question number 2 j) Answer**

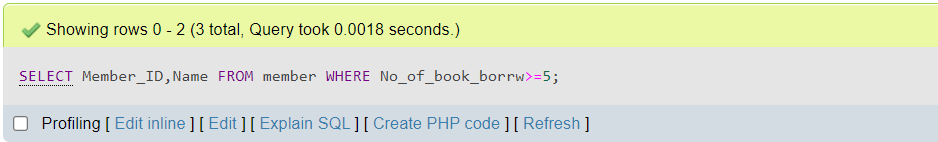
****

Fig 57: Query

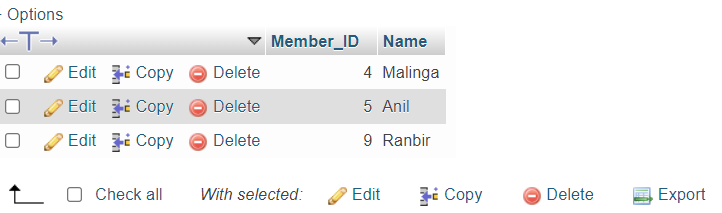


Fig 58: Result

**Question number 2 k) Answer**

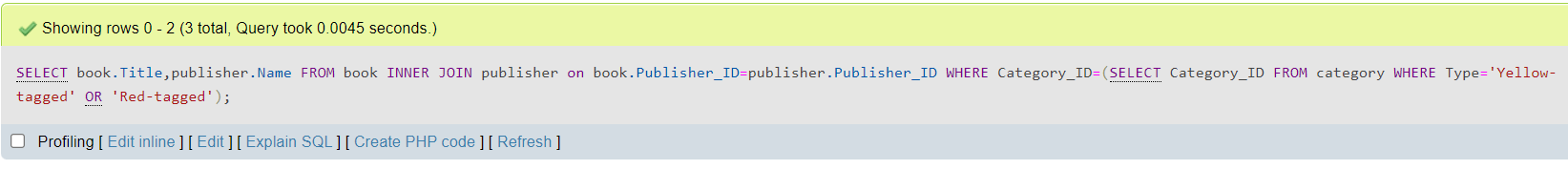


Fig 59: Query

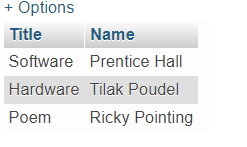


Fig 60: Result

**Question number 2 l) Answer**

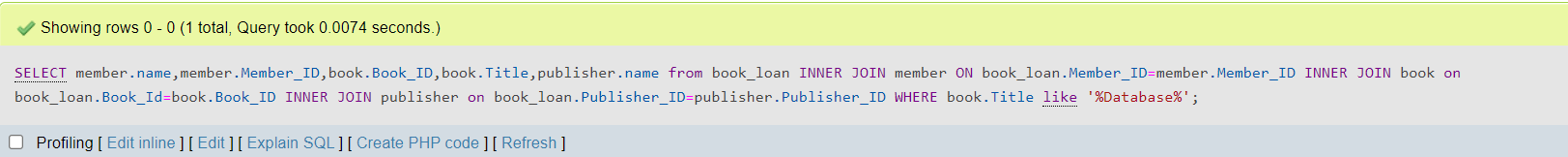
****

Fig 61: Query

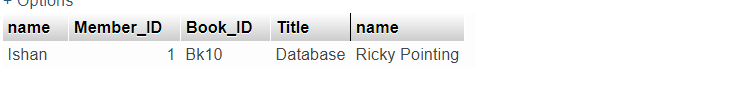


Fig 62: Result