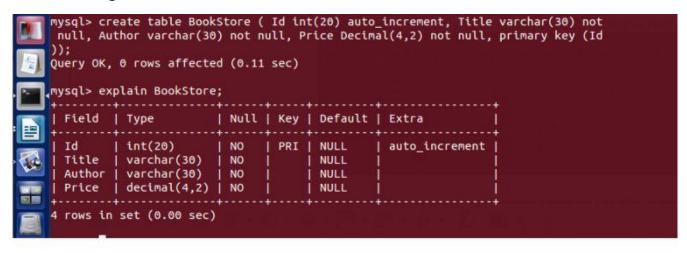
Lab 3 : COMP[305]

1. Write a query to create primary constraints with column level.

Ans: Lab3Q1

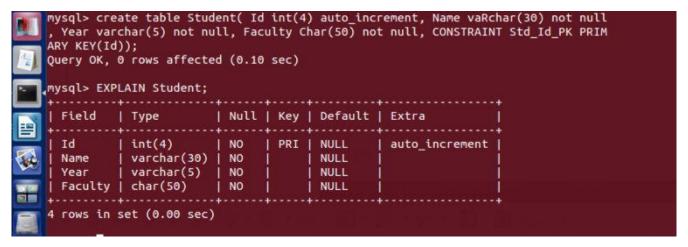


2. Write a query to create primary constraints with column level with naming convention.

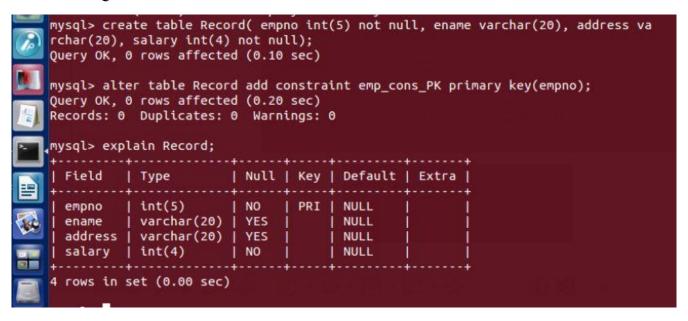
nysql> explain	n Departmen	t;				
E4 - 1 d	+	+	+		+	n create primary companies with after command.
Field	Type +	Null	Key +	Default +	EXLF4	
Code	int(10)	NO	PRI	NULL		
Name	char(50)	YES	İ	NULL		
No_faculty	int(3)	YES	İ	NULL		
No staffs	int(3)	YES	i	NULL		

3. Write a query to create primary constraints with table level with naming convention.

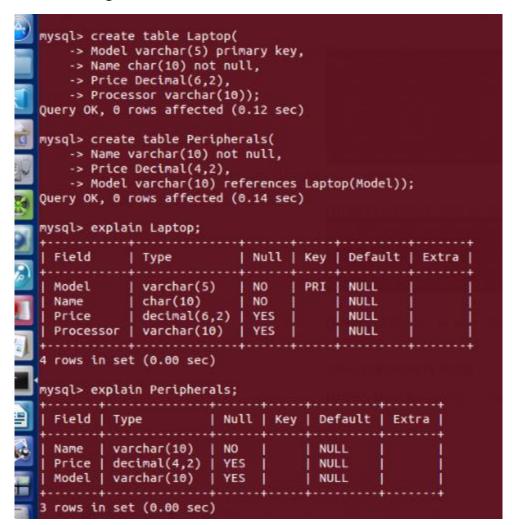
Ans: Lab3Q2



4. Write a query to create primary constraints with alter command.



5. Write a query to create foreign key constraints with column level.



6. Write a query to create foreign key constraints with Table level.

Ans: Lab3Q6



7. Write a query to create foreign key constraints with Table level with alter command.

8. Write a query to create Check constraints with column level.

Ans: Lab3Q8

9. Write a query to create Check constraints with table level.

Ans: Lab3Q9

10. Write a query to create Check constraints with table level using alter command.

```
mysql>
mysql> create table emp1(empno int(3), ename varchar(20), sal int(5), deptno int(2));
Query OK, 0 rows affected (0.09 sec)

mysql> alter table emp1 add constraint emp_sal_ck CHECK (sal>100 and sal<500);
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

11. Write a query to create unique constraints with column level.

Ans Lab3Q11

```
mysql>
mysql>
mysql> create table emp2(empno int(3), ename varchar(20) UNIQUE ,sal int(5), dep
tno int(2));
Query OK, 0 rows affected (0.11 sec)
```

12. Write a query to create Not Null constraints with column level.

Ans Lab3Q13

```
mysql>
mysql> create table emp4(empno int(3), ename varchar(20) NOT NULL ,sal int(5), d
eptno int(2));
Query OK, 0 rows affected (0.11 sec)
```

13. Write a query to create Null constraints with column level.

Ans: Lab3Q14

```
mysql>
mysql>
mysql>
mysql>
create table emp5(empno int(3), ename varchar(20) NULL ,sal int(5), deptno int(2));
Query OK, 0 rows affected (0.12 sec)
```

14. Write a query to disable the constraints.

```
mysql>
  mysql> create table emp5(empno int(3), ename varchar(20) NULL ,sal int(5), deptno int(2));
  Query OK, 0 rows affected (0.12 sec)
  mysql>
  mysql> alter table emp5 modify ename varchar(20) NOT NULL;
  Query OK, 0 rows affected (0.22 sec)
  Records: 0 Duplicates: 0 Warnings: 0
```

15. Write a query to enable the constraints.

```
mysql>
mysql> alter table emp5 modify ename varchar(20) NULL;
Query OK, 0 rows affected (0.19 sec)
Records: 0 Duplicates: 0 Warnings: 0
```