

## DBMS ASSIGNMENT 2

```
mysql> use student_info;
Database changed
mysql> create table student_data (
  -> s_id int auto_increment primary key,
  -> Name varchar(100) not null,
  -> Sec varchar(10),
  -> Address varchar(40));
Query OK, 0 rows affected (0.09 sec)
```

```
mysql> desc student_data;
```

Field	Type	Null	Key	Default	Extra
s_id	int	NO	PRI	NULL	auto_increment
Name	varchar(100)	NO		NULL	
Sec	varchar(10)	YES		NULL	
Address	varchar(40)	YES		NULL	

```
4 rows in set (0.01 sec)
```

```
mysql> create table student_marks (
  -> s_id int auto_increment primary key,
  -> Name varchar(100) not null,
  -> Marks int(6));
Query OK, 0 rows affected, 1 warning (0.03 sec)
```

```
mysql> desc student_marks;
```

Field	Type	Null	Key	Default	Extra
s_id	int	NO	PRI	NULL	auto_increment
Name	varchar(100)	NO		NULL	
Marks	int	YES		NULL	

```
mysql> select * from student_data;
+-----+-----+-----+-----+
| s_id | Name  | Sec  | Address |
+-----+-----+-----+-----+
| 1    | Nafees | omega | Guntur  |
| 2    | Nikki  | omega | ongole  |
| 3    | sahasra | gamma | nalagonda |
| 4    | swapna | delta | khammam |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> insert into student_marks(s_id,Name,Marks) values(1,"Nafees",86),(2,"Nikki",90),(3,"sahasra",87),(4,"swapna",90);
Query OK, 4 rows affected (0.05 sec)
Records: 4 Duplicates: 0 Warnings: 0

mysql> select * from student_marks;
+-----+-----+-----+
| s_id | Name  | Marks |
+-----+-----+-----+
| 1    | Nafees | 86    |
| 2    | Nikki  | 90    |
| 3    | sahasra | 87    |
| 4    | swapna | 90    |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> create view student_data as
-> select s_id,Name from student_data where where sec=="omega";
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the
ga" at line 2
mysql> create view student_view as
-> select s_id,Name from student_data where sec="omega";
Query OK, 0 rows affected (0.05 sec)

mysql> select * from student_view;
+-----+-----+
| s_id | Name  |
+-----+-----+
| 1    | Nafees |
| 2    | Nikki  |
+-----+-----+
```

```
mysql> create view combined_view as
-> select student_marks.Marks,student_data.Name from student_marks,student_data;
Query OK, 0 rows affected (0.01 sec)

mysql> select * from combined_view;
+-----+-----+
| Marks | Name  |
+-----+-----+
| 90    | Nafees |
| 90    | Nafees |
| 90    | Nikki  |
| 90    | Nikki  |
| 90    | sahasra |
| 90    | sahasra |
| 90    | swapna |
| 90    | swapna |
+-----+-----+
8 rows in set (0.00 sec)
```