

-- create table fusion_emp

```
create table fusion_emp(  
    emp_id int,  
    emp_name varchar(20),  
    designation varchar(20),  
    salary int  
);
```

desc fusion_emp;

-- add column dob

```
alter table fusion_emp add dob date;
```

-- drop column dob

```
alter table fusion_emp drop column dob;
```

-- change datatype

```
alter table fusion_emp modify designation char(15);
```

-- add primary key

```
alter table fusion_emp add constraint primary key(emp_id);
```

-- add manager id column

```
alter table fusion_emp add manager_id int;
```

-- make manager id as foreign key

```
alter table fusion_emp add constraint foreign key (manager_id) references  
fusion_emp(emp_id);
```

-- show create table fusion_emp;

```
CREATE TABLE `fusion_emp` (  
  `emp_id` int NOT NULL,  
  `emp_name` varchar(20) DEFAULT NULL,  
  `designation` char(15) DEFAULT NULL,  
  `salary` int DEFAULT NULL,  
  `manager_id` int DEFAULT NULL,  
  PRIMARY KEY (`emp_id`),  
  KEY `manager_id` (`manager_id`),  
  CONSTRAINT `fusion_emp_ibfk_1` FOREIGN KEY (`manager_id`)  
  REFERENCES `fusion_emp` (`emp_id`)  
  ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4  
  COLLATE=utf8mb4_0900_ai_ci;
```

-- remove foreign key

```
alter table fusion_emp drop constraint fusion_emp_ibfk_1;
```

-- remove primary key

```
alter table fusion_emp drop primary key;
```

-- rename table

```
rename table fusion_emp to fusion_employees;
```

-- rename column

```
alter table fusion_employees rename column emp_name to  
employee_name;
```