

```
mysql> use iit;  
Database changed  
mysql> show tables;
```

Tables_in_iit
agent
building
course
employees
faculty
iiitdm
orders
student

8 rows in set (0.00 sec)

```
mysql> describe agent;
```

Field	Type	Null	Key	Default	Extra
Agent_code	varchar(255)	NO	PRI	NULL	
Agent_name	varchar(255)	NO		NULL	
Working_area	varchar(255)	NO		NULL	
Commision	float	NO		NULL	
Phone_no	int	NO	PRI	NULL	
Country	varchar(255)	YES		NULL	

6 rows in set (0.00 sec)

```
mysql> select * from agent;
```

Agent_code	Agent_name	Working_area	Commision	Phone_no	Country
Ac001	Ramesh	Bangalore	0.15	848022124	India
Ac002	Dinesh	Bangalore	0.25	12345689	
Ac003	Suresh	Mumbai	0.35	231231234	London
Ac004	Kamalesh	New jersey	0.68	883245687	
Ac005	Kartik	Chennai	0.73	987654233	India

5 rows in set (0.00 sec)

```
mysql>
```

```
mysql> show tables;
```

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```
8 rows in set (0.00 sec)
```

```
mysql> describe building;
```

Field	Type	Null	Key	Default	Extra
Building_name	varchar(100)	NO		NULL	
Room_no	int	NO	PRI	NULL	
Floor	int	NO		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> select * from building;
```

Building_name	Room_no	Floor
Ashoka	200	1
Ashoka	201	1
Ashoka	202	1
Ashoka	300	2
Banyan	301	2
Banyan	302	2
Banyan	303	2
Jasmine	401	3
Jasmine	402	3
Jasmine	403	3

```
10 rows in set (0.00 sec)
```

```
mysql>
```

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```
8 rows in set (0.00 sec)
```

```
mysql> describe course;
```

Field	Type	Null	Key	Default	Extra
department	varchar(255)	NO		NULL	
subject	varchar(255)	NO	PRI	NULL	
Course_id	varchar(255)	NO	PRI	NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> select * from course;
```

department	subject	Course_id
CS	DAA	CS1003
ME1	Design	DS001
CS	DSA	CS1002
CS	DSCS	CS1004
EC	Electrical Instruments	EC1003
ME1	Engineering Graphics	ME1100
ME2	Materials	ME2101
EC	SPD	DS002
CS	STD	DS003
ME2	Video Editing	EL006

```
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```

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8 rows in set (0.00 sec)
```

```
mysql> describe employees;
```

Field	Type	Null	Key	Default	Extra
employee_id	int	NO	PRI	NULL	
first_name	varchar(255)	YES		NULL	
last_name	varchar(255)	YES		NULL	
email	varchar(255)	NO		NULL	
phone_number	int	NO	PRI	NULL	
hire_date	varchar(255)	NO		NULL	
job_id	varchar(255)	NO	PRI	NULL	
salary	int	YES		NULL	
manager_id	int	YES		NULL	
department_id	int	YES		NULL	

```
10 rows in set (0.00 sec)
```

```
mysql> select employee_id,manager_id,first_name,last_name from employees;
```

employee_id	manager_id	first_name	last_name
700	NULL	Hasmukh	Patel
701	NULL	Suresh	Modi
800	506	Kamalesh	Paul
900	508	Dinesh	Gandhi

```
4 rows in set (0.00 sec)
```

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8 rows in set (0.00 sec)
```

```
mysql> describe faculty;
```

Field	Type	Null	Key	Default	Extra
Faculty_id	varchar(255)	NO	PRI	NULL	
Faculty_name	varchar(255)	NO		NULL	
Department	varchar(255)	NO		NULL	
Subject	varchar(255)	NO		NULL	

```
4 rows in set (0.00 sec)
```

```
mysql> select * from faculty;
```

Faculty_id	Faculty_name	Department	Subject
F001	Sadagopan	CS	DAA
F002	Jagadeesh	CS	DBMS
F003	Gurunathan	DS	Materials
F004	RPP	CS	DSA
F005	Rahul	EC	COA
F006	Umarani	CS	OOPS
F007	Chitti	EC	Electricals
F008	Tapas	PS	EM
F009	Sudhir	DS	Design
F010	Bingi	DS	SPD

```
10 rows in set (0.02 sec)
```

```
mysql>
```

```
mysql> show tables;
```

Tables_in_iiit
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```
8 rows in set (0.00 sec)
```

```
mysql> describe iiitdm;
```

Field	Type	Null	Key	Default	Extra
faculty_name	varchar(255)	NO	PRI	NULL	
student_id	int	NO	PRI	NULL	
building_name	varchar(255)	YES		NULL	

```
3 rows in set (0.00 sec)
```

```
mysql> select * from iiitdm;
```

faculty_name	student_id	building_name
Bingi	4	Ashoka
Chitti Babu	3	Banyan
Gurunathan C	10	Ashoka
Priyanka Kokil	6	Jasmine
Ram Prasad Padhy	8	Banyan
Sadagopan Narasimham	1	Ashoka
Subramani M	5	Ashoka
Sudhir V	2	Banyan
Umarani J	7	Jasmine
Venkatesh Pandiri	9	Banyan

```
10 rows in set (0.02 sec)
```

```
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```



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8 rows in set (0.00 sec)
```

```
mysql> describe orders;
```

Field	Type	Null	Key	Default	Extra
Ord_num	int	NO	PRI	NULL	
Ord_amount	int	NO		NULL	
Advance_amount	int	NO		NULL	
Ord_date	varchar(255)	NO		NULL	
Cust_code	varchar(255)	NO	PRI	NULL	
Agent_code	varchar(255)	NO		NULL	
Description	varchar(255)	YES		NULL	

```
7 rows in set (0.00 sec)
```

```
mysql> select * from orders;
```

Ord_num	Ord_amount	Advance_amount	Ord_date	Cust_code	Agent_code	Description
4	200	3000	15-aug-2021	C004	Ac001	Masala Kulcha
7	600	5000	17-sept-2021	C006	Ac003	Biriyani
8	700	100	19-feb-2020	C007	Ac005	Fried rice
9	10000	600	21-march-2010	C009	Ac002	French Rice
10	20	600	09-april-2004	C006	Ac005	Potato Curry

```
5 rows in set (0.00 sec)
```

```
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```
8 rows in set (0.00 sec)
```

```
mysql> describe student;
```

Field	Type	Null	Key	Default	Extra
Student_id	varchar(255)	NO	PRI	NULL	
Student_name	varchar(255)	NO		NULL	
Department	varchar(100)	NO		NULL	
Course	varchar(255)	YES		NULL	
Building_name	varchar(100)	NO		NULL	

```
5 rows in set (0.00 sec)
```

```
mysql> select * from student;
```

Student_id	Student_name	Department	Course	Building_name
CS1002	Srinivas	CS	NULL	Ashoka
CS1005	Sasank	CS	AI	Yamuna
CS1006	Sravanth	CS	AI	Jasmine
CS1007	Jaswanth	CS	ML	Jasmine
CS1008	Arun	CS	ML	Banyan
CS1009	Praveen	CS	Webdev	Banyan
CS1010	Sanjay	CS	Webdev	Banyan
CS1044	Avinash	CS	NULL	Ashoka
CS1047	Madhav	CS	NULL	Ashoka
CS1109	Nischal	CS	CSE	Banyan

```
10 rows in set (0.02 sec)
```

```
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```