

Code for Departments:

```
CREATE TABLE Departments (  
  Department_id int(10) PRIMARY KEY,  
  Department_Name VARCHAR(20),  
  Manager_id int(10),  
  Location_id int (10)  
);
```

```
INSERT INTO Departments VALUES  
  
  (10,'Administration',200 , 1700),  
  
  (20,'Marketing',201 , 1800),  
  
  (50,'Shipping',124 , 1500),  
  
  (60,'It',103 , 1400),  
  
  (80,'Sales',149, 2500),  
  
  (90,'Executive',100 , 1700),  
  
  (110,'Accounting',205 , 1700),  
  
  (190,'Contracting', NULL , 1700);
```

Showing rows 0 - 7 (8 total, Query took 0.0006 seconds.)

7/12/2020

SELECT * FROM `departments`

Department_id	Department_Name
10	Administration
20	Marketing
50	Shipping
60	It
80	Sales
90	Executive
110	Accounting
190	Contracting

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Showing rows 0 - 7 (8 total, Query took 0.0006 seconds.)

SELECT * FROM `departments`

Department_id	Department_Name	Manager_id	Location_id
10	Administration	200	1700
20	Marketing	201	1800
50	Shipping	124	1500
60	It	103	1400
80	Sales	149	2500
90	Executive	100	1700
110	Accounting	205	1700
190	Contracting	NULL	1700

Code for Locations:

```
CREATE TABLE Locations (  
  Location_id int(4) PRIMARY KEY NOT NULL,  
  Street_Adress VARCHAR(40),  
  Postal_code VARCHAR(12),  
  City VARCHAR(30) NOT NULL,  
  State_Provience VARCHAR(25),  
  Country_ID VARCHAR(2)  
);
```

7/13/2020 localhost

Show query box

Your SQL query has been executed successfully.

[DESCRIBE](#) Locations

Field	Type	Null	Key	Default	Extra
Location_id	int(4)	NO	PRI	NULL	
Street_Adress	varchar(40)	YES		NULL	
Postal_Code	varchar(12)	YES		NULL	
City	varchar(30)	NO		NULL	
State_Province	varchar(25)	YES		NULL	
Country_ID	varchar(2)	YES		NULL	

INSERT INTO Locations VALUES

```
(1400,'2014 Jabberwocky Rd', '26192', 'Southlake', 'Texas', 'US'),  
(1500,'2011 Interiors Blvd', '99236', 'South San Francisco', 'California', 'US'),  
(1700,'2004 Charade Rd', '98199', 'Seattle', 'Washington', 'US'),  
(1800,'460 Bloor St. W.', 'ON M5S 1X8', 'Toronto', 'Ontario', 'CA'),  
(2500,'Magdalen Centre- The Oxford Sc. Park', 'OX9 9ZB', 'OXford', 'Oxford', 'UK');
```

← → ↻ localhost:phpmyadmin/sql.php?db=homework1&table=locations&pos=0

✓ Showing rows 0 - 4 (5 total, Query took 0.0006 seconds.)

[SELECT](#) * FROM `locations`

Location_id	Street_Adress	Postal_Code	City	State_Province	Country_ID
1400	2014 Jabberwocky Rd	26192	Southlake	Texas	US
1500	2011 Interiors Blvd	99236	South San Francisco	California	US
1700	2004 Charade Rd	98199	Seattle	Washington	US
1800	460 Bloor St. W.	ON M5S 1X8	Toronto	Ontario	CA
2500	Magdalen Centre- The Oxford Sc. Park	OX9 9ZB	OXford	Oxford	UK

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Code for Employees:

```
CREATE TABLE Employees(  
Employee_id int(6) PRIMARY KEY NOT NULL,  
First_Name VARCHAR(20),  
Last_Name VARCHAR(25) NOT NULL,  
Email VARCHAR(25) NOT NULL,  
Phone_Number VARCHAR(15),  
Hire_Date DATE NOT NULL,  
Job_Id VARCHAR(10) NOT NULL,  
Salary int(8),  
Comission_pct int(2),  
Manager_id int(6),  
Department_Id int(4)  
);
```

7/13/2020

Show query box

Your SQL query has been executed successfully.

[DESCRIBE](#) Employees

Field	Type	Null	Key	Default	Extra
Employee_id	int(6)	NO	PRI	NULL	
First_Name	varchar(20)	YES		NULL	
Last_Name	varchar(25)	NO		NULL	
Email	varchar(25)	NO		NULL	
Phone_Number	varchar(15)	YES		NULL	
Hire_Date	date	NO		NULL	
Job_Id	varchar(10)	NO		NULL	
Salary	int(8)	YES		NULL	
Commission_pct	int(2)	YES		NULL	
Manager_id	int(6)	YES		NULL	
Department_id	int(4)	YES		NULL	

INSERT INTO Employees VALUES

```
(100, 'Steven','King', 'SKING','515.123.4567', '1987-06-17', 'AD_PRESS',24000, NULL, NULL, 90),  
(101, 'Neena','Kochhar', 'NKOCCHAR','515.123.4568', '1989-09-21', 'AD_VP',17000, NULL, 100, 90),  
(102, 'Lex', 'De Haan', 'LDEHAAN','515.123.4569', '1993-01-13', 'AD_VP',17000, NULL, 100, 90),  
(103, 'Alexander','Hunold', 'AHUNOLD','590.423.4567', '1990-01-03', 'IT_PROG',9000, NULL, 102, 60),  
(104, 'Bruce','Ernst', 'BERNST','590.423.4568', '1991-05-21', 'IT_PROG',6000, NULL, 103, 60),  
(107, 'Diana','Lorentz', 'DLORENTZ','590.423.5567', '1999-02-07', 'IT_PROG',4200, NULL, 103, 60),
```

(124, 'Kevin', 'Mourgos', 'KMOURGOS', '650.123.5234', '1999-11-16', 'ST_MAN', 5800, NULL, 100, 50),
 (141, 'Treena', 'Rajs', 'TRAJS', '650.121.8009', '1995-10-17', 'ST_CLERK', 3500, NULL, 124, 50),
 (142, 'Curtis', 'Davies', 'CDAVIES', '650.121.2994', '1997-01-29', 'ST_CLERK', 3100, NULL, 124, 50),
 (143, 'Randall', 'Matos', 'RMATOS', '650.121.2874', '1998-03-15', 'ST_CLERK', 2600, NULL, 124, 50),
 (144, 'Peter', 'Vargas', 'PVARGAS', '650.121.2004', '1998-07-09', 'ST_CLERK', 2500, NULL, 124, 50),
 (149, 'Eleni', 'Zlotkey', 'EZLOTKEY', '011.44.1344.429018', '2000-01-29', 'ST_MAN', 10500, .2, 100, 80),
 (174, 'Ellen', 'Abel', 'EABEL', '011.44.1644.429267', '1996-05-11', 'SA_REP', 11000, .3, 149, 80),
 (176, 'Jonathon', 'Taylor', 'JTAYLOR', '011.44.1644.429265', '1998-03-24', 'SA_REP', 8600, .2, 149, 80),
 (178, 'Kimberely', 'Grant', 'KGRANT', '011.44.1644.429263', '1999-05-24', 'SA_REP', 7000, .15, 149, NULL),
 (200, 'Jennifer', 'Whalen', 'JWHALEN', '515.123.4444', '1987-09-17', 'AD_ASST', 4400, NULL, 101, 10),
 (201, 'Michael', 'Hartstein', 'MHARTSTE', '515.123.5555', '1996-02-17', 'MK_MAN', 13000, NULL, 100, 20),
 (202, 'Pat', 'Fay', 'PFAY', '603.123.6666', '1997-08-17', 'MK_REP', 6000, NULL, 201, 20),
 (205, 'Shelley', 'Higgins', 'SHIGGINS', '515.123.8080', '1994-06-07', 'AC_MGR', 12000, NULL, 101, 110),
 (206, 'William', 'Gietz', 'WGIETZ', '515.123.8181', '1994-06-07', 'AC_ACCOUNT', 8300, NULL, 205, 110);

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localhost / 127.0.0.1 / homework1 / employees | phpMyAdmin 5.0.2

1 row affected.

```
UPDATE `employees` SET `Commission_pct` = '15' WHERE `employees`.`Employee_id` = 178;
```

Showing rows 0 - 19 (20 total, Query took 0.0007 seconds.)

```
SELECT * FROM `employees`
```

Employee_id	First_Name	Last_Name	Email	Phone_Number	Hire_Date	Job_Id	Salary	Commission_pct	Manager_id	Department_id
01-Jan-70	Steven	King	SKING	515.123.4567	17-Jun-87	AD_PRESS	24000	NULL	NULL	90
01-Jan-70	Neena	Kochhar	NKOCHHAR	515.123.4568	21-Sep-89	AD_VP	17000	NULL	100	90
01-Jan-70	Lex	De Haan	LDEHAAN	515.123.4569	13-Jan-93	AD_VP	17000	NULL	100	90
01-Jan-70	Alexander	Hunold	AHUNOLD	590.423.4567	03-Jan-90	IT_PROG	9000	NULL	102	60
01-Jan-70	Bruce	Ernst	BERNST	590.423.4568	21-May-91	IT_PROG	6000	NULL	103	60
01-Jan-70	Diana	Lorentz	DLORENTZ	590.423.5567	07-Feb-99	IT_PROG	4200	NULL	103	60
01-Jan-70	Kevin	Mourgos	KMOURGOS	650.123.5234	16-Nov-99	ST_MAN	5800	NULL	100	50
01-Jan-70	Treena	Rajs	TRAJS	650.121.8009	17-Oct-95	ST_CLERK	3500	NULL	124	50
01-Jan-70	Curtis	Davies	CDAVIES	650.121.2994	29-Jan-97	ST_CLERK	3100	NULL	124	50
01-Jan-70	Randall	Matos	RMATOS	650.121.2874	15-Mar-98	ST_CLERK	2600	NULL	124	50
01-Jan-70	Peter	Vargas	PVARGAS	650.121.2004	09-Jul-98	ST_CLERK	2500	NULL	124	50
01-Jan-70	Eleni	Zlotkey	EZLOTKEY	011.44.1344.429	29-Jan-00	ST_MAN	10500	2	100	80
01-Jan-70	Ellen	Abel	EABEL	011.44.1644.429	11-May-96	SA_REP	11000	3	149	80
01-Jan-70	Jonathon	Taylor	JTAYLOR	011.44.1644.429	24-Mar-98	SA_REP	8600	2	149	80
01-Jan-70	Kimberely	Grant	KGRANT	011.44.1644.429	24-May-99	SA_REP	7000	15	149	NULL
01-Jan-70	Jennifer	Whalen	JWHALEN	515.123.4444	17-Sep-87	AD_ASST	4400	NULL	101	10
01-Jan-70	Michael	Hartstein	MHARTSTE	515.123.5555	17-Feb-96	MK_MAN	13000	NULL	100	20
01-Jan-70	Pat	Fay	PFAY	603.123.6666	17-Aug-97	MK_REP	6000	NULL	201	20
01-Jan-70	Shelley	Higgins	SHIGGINS	515.123.8080	07-Jun-94	AC_MGR	12000	NULL	101	110
01-Jan-70	William	Gietz	WGIETZ	515.123.8181	07-Jun-94	AC_ACCOUNT	8300	NULL	205	110