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ID: 21101052

Section: 07

Course Code: 370

Course Name: Database Systems

#mysql -u root -p #show databases;



1.

#create database Project_Database;

#show databases;



```
#use Project_Database;
#create table Developers
#(
member_id int,
name varchar(30),
email varchar(60),
influence_count char(6),

Joining_date date,
multiplier int
);

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```

#describe Developers;

#insert into Developers

values('1','Taylor Otwell','otwell@laravel.com','739360','2020-6-10',10),('2','Ryan Dahl','ryan@nodejs.org','633632','2020-04-22',10),('3','Brendan Eich','eich@javascript.com','939570','2020-05-07',8),('5','Evan You','you@vuejs.org','982630','2020-06-11',7),('6','Rasmus Lerdorf','lerdorf@php.net','937927','2020-06-3',8),('7','Guido van Rossum','guido@python.org','968827','2020-07-18',19),('8','Adrian Holovaty','adrian@djangoproject.com','570724','2020-05-07',5),('9','Simon Willison','simon@djangoproject.com','864615','2020-04-30',4),('10','James Gosling','james@java.com','719491','2020-05-18',5),('11','Rod Johnson','rod@spring.io','601744','2020-05-18',7),('12','Satoshi Nakamoto','nakamoto@blockchain.com','630488','2020-05-10',10);

#select*from Developers;

2.

#ALTER TABLE Developers CHANGE influence_count followers int; #select*from Developers;

ember_id		email		Joining_date	
	Taylor Otwell	otwell@laravel.com	+ 739360		† 10
	Ryan Dahl	ryan@nodejs.org	633632		10
	Brendan Eich	eich@javascript.com	939570	2020-05-07	8
	Evan You	you@vuejs.org	982630	2020-06-11	7 [
	Rasmus Lerdorf	lerdorf@php.net	937927	2020-06-03	8
		guido@python.org	968827	2020-07-18	19
	Adrian Holovaty	adrian@djangoproject.com	570724	2020-05-07	5
		simon@djangoproject.com	864615		4
		james@java.com	719491	2020-05-18	5
	Rod Johnson	rod@spring.io	601744		. 7 !
	Satoshi Nakamoto	nakamoto@blockchain.com	630488	2020-05-10	

3.

#UPDATE Developers SET followers=followers+10;
#select*from Developers;

ember_id		email		Joining_date	
	Taylor Otwell	totwell@laravel.com	739370		10
	Ryan Dahl	ryan@nodejs.org	633642	2020-04-22	10 1
	Brendan Eich	ryan@nodejs.org eich@javascript.com	939580	2020-05-07	10
		you@vuejs.org	982640	2020-06-11	7
	Rasmus Lerdorf	lerdorf@php.net	937937	2020-06-03	8
			968837	2020-00-03	19
		adrian@djangoproject.com	570734		19
		simon@djangoproject.com	864625		1 71
10		james@java.com	719501	2020-05-18	5
	Rod Johnson	rod@spring.io	601754		1 5
		nakamoto@blockchain.com		2020-05-10	10

4.

#select name,email,followers from Developers;



5.

#select name,(followers*100/1000000*multiplier*100/20)/100 as Efficiency from Developers;

