

-- TASK

-- Scenario: User Registration System

-- We want to create a table called users to store basic user information. The table must ensure:

-- Every user has a unique ID (primary key).

-- Usernames and email addresses must be unique and not null.

-- Passwords must be not null.

-- Age must be at least 13 years old (check constraint).

-- If no country is provided, default to 'USA'.

QUERY:

use practice;

show tables;

create table users(

user_id int primary key,

name varchar(200) unique not null,

email varchar(500) unique not null,

password varchar(300) not null,

age int check(age>=13),

country varchar(100) default 'USA'

);

desc users;

insert into users(user_id,name,email,password,age,country)

values(1001,'Vijay','vijay@gmail.com','Admin@123',20,'Chennai'),

(1002,'Kishore','kishore@gmail.com','Pass@123',18,'chennai'),

(1003,'Veeramani','veeramani@gmail.com','User@123',19,'Kallakurchi');

```

insert into users(user_id,name,email,password,age)
values (1004,'Mageshwaran','magesh@gmail.com','Mages@2001',15),
(1005,'Nithish','nithish@gmail.com','Nithish@2002',13),
(1006,'Prithivi','prithivi@gmail.com','Prithivi@2000',22);

```

```

select * from users;

```

output:

Result Grid						
	user_id	name	email	password	age	country
▶	1001	Vijay	vijay@gmail.com	Admin@123	20	Chennai
	1002	Kishore	kishore@gmail.com	Pass@123	18	chennai
	1003	Veeramani	veeramani@gmail.com	User@123	19	Kallakurchi
	1004	Mageshwaran	magesh@gmail.com	Mages@2001	15	USA
	1005	Nithish	nithish@gmail.com	Nithish@2002	13	USA
	1006	Prithivi	prithivi@gmail.com	Prithivi@2000	22	USA
•	NULL	NULL	NULL	NULL	NULL	NULL

users 9 ×

Output

#	Time	Action	Message
✓ 24	20:49:18	insert into users(user_id,name,email,password,age) values (1004,'Mageshwaran','magesh@gmail.com','Mages...	3 row(s) affected R
✓ 25	20:49:21	select * from users LIMIT 0, 1000	6 row(s) returned