

## 1- Create table medicinal Plants

```
( plantid      Number(10)      Not Null,
  kingdom       varchar2(50)    Not Null,
  platesrites  varchar2(50)    Not Null,
  scientificname varchar2(50)   Not Null,
  active substance varchar2(50) Not Null,
  primary key (plantid)
);
```

## 2- Create table usage

```
( usagid       Number(10)      Not Null,
  Plantid      Number(10)      Not Null,
  Use          varchar2(50)    Not Null,
  primary key (useid)
);
```

## 3- Create table Family

```
( Family id     Number(10)      Not Null, plantid Number(10) Not Null,
  Family name   varchar2(50)    Not Null,
  Family details varchar2(50)   Not Null,
  primary key (Family id)
);
```

## 4- Create table diseases

```
( diseasesid    Number(10)      Not Null,
  diseasesname  varchar2(50)    Not Null,
  symptoms      varchar2(50)    Not Null,
  source        varchar2(50)    Not Null,
  treatmentname varchar2(50)   Not Null,
  primary key (diseasesid)
);
```



### 5- Create table treatment

(	description	VarChar2(50)	Not Null,
	side effect	VarChar2(50)	Not Null,
	Plant id	Number(10)	Not Null,
	treatment name	VarChar2(50)	Not Null,
) ;			

### 6- Create table category

(	category name	VarChar2(50)	Not Null,
	category id	Number(10)	Not Null,
	Plant id	Number(10)	Not Null,
	primary key (category id)		
) ;			

### 7- Create table user

(	userid	Number(10)	Not Null,
	Name	VarChar2(50)	Not Null,
	e-mail	VarChar2(50)	Not Null,
	address	VarChar2(50)	Not Null,
	id	Number(10)	Not Null,
	treat name	VarChar2(50)	Not Null,
	primary key (userid)		
) ;			

### 8- Create table Plant location

(	Plant id	Number(10)	Not Null,
	location Position	VarChar2(50)	Not Null,
	primary key (Plant id)		
) ;			



## g. create table composition

( substance	VarChar(50)
benefit	VarChar(50)
concentration	Number(10)
Plantid	Number(10)

Hàng đầu tiên là tên của 1 số khía cạnh của Hỗn hợp  
 - tên Hỗn hợp (String) và số lượng các thành phần  
 - tên Hỗn hợp (String) và số lượng các thành phần  
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## Hỗn hợp

Hỗn hợp chia thành 2 loại  
 - hỗn hợp hóa học (Hỗn hợp các chất có liên kết hóa học)  
 - hỗn hợp vật lý (Hỗn hợp các chất không có liên kết hóa học)  
 - Hỗn hợp vật lý có thể là hỗn hợp đồng nhất (nhàm lẫn nhau) hoặc  
 - Hỗn hợp vật lý có thể là hỗn hợp phân tán (nhàm lẫn nhau)  
 - Hỗn hợp vật lý có thể là hỗn hợp đồng nhất (nhàm lẫn nhau) hoặc  
 - Hỗn hợp vật lý có thể là hỗn hợp phân tán (nhàm lẫn nhau)

## Hỗn hợp

Tùy theo cách phân chia mà Hỗn hợp  
 - theo quy tắc, Hỗn hợp có thể là Hỗn hợp đồng nhất (nhàm lẫn nhau) hoặc  
 - Hỗn hợp phân tán (nhàm lẫn nhau) hoặc  
 - Hỗn hợp phân tán (nhàm lẫn nhau) hoặc  
 - Hỗn hợp phân tán (nhàm lẫn nhau) hoặc



- 1- select scientific name  
from medicinal Plants;
  2. select active substance , Plant id  
From medicinal Plants ;
  - 3- select \* From medicinal Plants ;
  - 4- select plant id, use  
From usage;
  - 5- select \* From usage;
  - 6 select location Position  
From Location;
  - 7 select \* From Location;
  - 8- select Family name  
From Family;
  - 9- select Family id, Family details  
From Family;
- 

10- select \* From Family ;

11- select Category name  
From Category ;

12- select \* From category ;

13- select benefit  
From composition ;

14- select concentration, substance, Plant if  
From composition ;

15- Select \* From composition ;

16- select name  
From user ;

17 Select e-mail , phone , address  
From user ;

18- select \* From user ;



- 19- select source , diseasesname  
from diseases ;
- 20- select symptoms , treatmentname ,  
diseases id  
from diseases ;
- 21- select \* from diseases ;
- 22- select side effect  
from treatment ;
- 23- select treatmentname , description  
from treatment ;
- 24- select \* from treatment ;
- 25- select kingname  
from medicinal Plants  
where Plant id <= 10 ;
- 26- select active substance , scientific name  
from medicinal Plants  
where Plant id = 17 ;

27- select \* From medicinal Plants  
where active substance = 'Saponinsin' ;

28- Select \* From medicinal Plants  
where scientific name = 'Medicago sativa' ;

29- Select Family details  
From Family  
where family id = 11 ;

30- select Family name, Family details  
From Family  
where Family id = 18 or Family id = 21 ;

31- Select \* From Family  
where Family id = 23 ;

32- select \* from composition  
where concentration = 20 % ;

33- select substance, Plant id  
From composition  
where Plant id > 13 ;



34- select \* from user

where id < 5 ;

35- select \* from user

where name = 'Ahmed' ;

36- select email , address

from user

where id = 19 ;

37- select source , symptoms

from diseases

where treatment name = 'drugs' ;

38- Select \* from diseases

where diseasesname = 'Burn and wounds' ;

39- Select \* from diseases

where diseasesid < 15 ;

40- select \* from treatment

where concentration = 10% ;



41 - select sideeffect, treatmentname,  
description  
from treatment  
where Plantid = 23;

42 - select \* from location  
where Plantid = 15;

43 - select \* from usage  
where usageid = 3;

44 - select use, Plantid  
from usage  
where Plantid = 2;

45 - select \* from category  
where categoryid = 10 or  
categoryid = 13;

46 - select \* from category  
where categoryname = 'A' or  
categoryname = 'E';



- 47 - select \* from diseases  
where diseasesname like '%burn%';
- 48 - select source, diseasesname  
from diseases  
where treatmentname like '%drugs%';
- 49 - select e-mail, address  
from user  
where name like '%mahat%';
- 50 - select scientificname, properties  
from medicinalplants  
where active substance like '%oils%';
- 51 - select \* from usage  
where usagid between (10 and 17);
- 52 - select family details from family  
where family id between (1 and 5);
- 53 - select \* from composition  
where plant id between  
(3 and 23);



54- select medicinal Plants Join Family  
on medicinalPlants .Plant id = family .Plant id;  
where Plant id < 7;

55- Select medicinal Plants Join location  
on medicinalPlants .Plant id = location .Plant id ;

56- select medicinal Plants Join composition  
on medicinalPlants .Plant id = composition -  
Plant id  
where Plant id = 13 ;

57- select medicinal Plants Join usag  
on medicinalPlants .Plant id = usage .Plant id ;

58- Select medicinal Plants Join category  
on medicinalPlants .Plant id = category .Plant id  
where Category name < 'D' ;

59- select user Join diseases  
on user .id0 = diseases - diseases id  
where diseases = 'urinary tract' ;



60 - select user Join Treatment  
on user.Treat name = treatment - treatment name  
where name like '% Ahmed %';

61 - select diseases Join treatment  
on diseases . treatment name = treatment -  
treatment name;

