

To open the database:

mysql> use <your name>;

Q3. Create a table patient.

Column name	Data type	Null	Others
PatientID	Int	Not null	Primary key, auto increment
Name	Varchar(25)	Not null	
DateofBirth	Date	Not null	
Lastvisitdate	Date	Not null	
Nextvisitdate	Date	Null	

To create table:

```
mysql> create table patient
-> (patientid int not null auto_increment primary key,
-> name varchar(25) not null,
-> dob date not null,
-> lvdate date not null,
-> nvdate date);
```

```
mysql> insert into patient(name,dob,lvdate)
-> values('Shyam','2015-03-04','2022-01-15');
```

Similarly insert 09 records.

```
mysql> select * from patient;
```

Write queries for the following:

- a. Display patients who were born in a particular year and sort by birth-month.**

```
mysql> select * from patient where year(dob)=2015 order by month(dob);
```

- b. List the age of all the patients.**

```
mysql> select round (datediff(curdate (), dob)/365) 'age' from patient;
```

- c. Display the names of patients who are 18 years old or younger.**

```
mysql> select name,round(datediff(curdate(),dob)/365) 'age' from patient where
-> (datediff(curdate(),dob)/365)<=18;
```

- d. Schedule the next visit of 'Shyam' to be 6 months from now.**

```
mysql> update patient set nvdate=adddate(now(),interval 6 month) where  
name='Shyam';
```

```
mysql> select * from patient;
```