PL/SQL

**14 a.**

create table stud(RollNo int primary key, attendance int,status varchar(5));

insert into stud(RollNo,attendance) values(1,150),(2,200),(3,80),(4,70),(5,180);

select \* from stud;

**mysql> delimiter //**

**mysql> create procedure check\_att(in roll int)**

**-> begin**

**-> declare att int;**

**-> declare total int;**

**-> declare exit handler for not found select 'Data not found!!!' message;**

**-> set total=200;**

**-> select attendance into att from stud where RollNo=roll;**

**-> if ((att/total)\*100)>=75 then**

**-> update stud set status='ND' where RollNo=roll;**

**-> select 'Term Granted' Message;**

**-> else**

**-> update stud set status='D' where RollNo=roll;**

**-> select 'Term Not Granted' Message;**

**-> end if;**

**-> end;**

**-> //**

**mysql> delimiter ;**

14 b

mysql> create table account\_master(ID int primary key,Current\_balance int);

mysql> insert into account\_master values(1,10000),(2,5000),(3,60000);

mysql> delimiter //

mysql> create procedure withdraw(in acc\_id int,in amt int)

-> begin

-> declare bal int;

-> declare sp condition for sqlstate '45000';

-> select Current\_balance into bal from account\_master where ID=acc\_id;

-> if bal<amt then

-> signal sqlstate '45000'

-> set message\_text='NotEnoughBalance';

-> else

-> set bal = bal-amt;

-> update account\_master set Current\_balance=bal where ID=acc\_id;

-> end if;

-> end;

-> //

mysql> create procedure deposit(in acc\_id int,in amt int)

-> begin

-> declare bal int;

-> select current\_balance into bal from account\_master where ID=acc\_id;

-> update account\_master set current\_balance=bal+amt where ID=acc\_id;

-> end;

-> //