ROOM :

create table room

(room\_no numeric(2,0),

status varchar(10),

primary key (room\_no)

);

insert into room values ('11','allocated');

insert into room values ('14','vacant');

STUDENT :

create table student

(

sid numeric(3,0) unique,

fname varchar(10),

mname varchar(10),

lname varchar(10),

address varchar(10),

ph\_no numeric(10,0),

room\_no numeric(2,0),

primary key (sid,room\_no),

foreign key (room\_no) references room

);

insert into student values ('101','ashutosh','vijay','tiwari','kalyan','9664719743','11');

WORKING :

create table working

(

wid numeric(3,0) unique,

fname varchar(10),

mname varchar(10),

lname varchar(10),

address varchar(10),

ph\_no numeric(10,0),

room\_no numeric(2,0),

primary key (wid,room\_no),

foreign key (room\_no) references room

);

insert into working values ('201','amar','vijay','tiwari','vitalwadi','9664719747','11');

EXPENSES :

create table expenses

(id numeric(3,0) unique,

room\_no numeric(2,0),

room\_rent numeric(4,0),

deposit numeric(5,0) check (deposit >= 1000),

mess\_fees numeric(5,0),

duration numeric(5,0),

primary key (id,room\_no),

foreign key (room\_no) references room

);

insert into expenses values('101','11','500','1000','800','30');

insert into expenses values('201','11','600','1000','900','30');

HOSTELER :

create table hosteler

(

id numeric(3,0),

primary key(id),

foreign key (id) references expenses(id)

);

insert into hosteler values('101');

insert into hosteler values('201');

OUTPUT :

1)select fname from student,expenses where student.sid=expenses.id;

ashutosh

aditya

gaurav

2)select fname from working,expenses where working.wid=expenses.id;

amar

akbar

anthony

3)select \* from students;

103;"gaurav";"baliram";"sawant";"warli";9664459743;13

102;"aditya";"rajesh";"vishvekar";"kanjurmarg";9662424443;12

101;"ashutosh";"vijay";"tiwari";"kalyan";9664719743;11

4)select \* from working;

203;"anthony";"baliram";"sawant";"marines";9664459743;13

202;"akbar";"rajesh";"vishvekar";"sion";9662424443;12

201;"amar";"vijay";"tiwari";"vitalwadi";9664719747;11

5)select \* from room;

11;"allocated"

12;"allocated"

13;"allocated"

14;"vacant"

15;"vacant"

16;"vacant"

6)select \* from expenses;

101;11;500;1000;800;30

102;12;500;1000;800;30

103;13;500;1000;800;30

201;11;600;1000;900;30

202;12;600;1000;900;30

203;13;600;1000;900;30

7)select \* from hosteler;

101

102

103

203

202

201