

DBMS MINI-PROJECT SQL CODE (CORRECTED ONE)-

Code-

```
CREATE TABLE STUDENT (  
    ROLL_NO VARCHAR2(15) NOT NULL,  
    FIRST_NAME VARCHAR2(25) NOT NULL,  
    LAST_NAME VARCHAR2(25),  
    ROOM_NO NUMBER,  
    MAIL_ID VARCHAR2(50),  
    DOB DATE,  
    AGE NUMBER,  
    CONTACT_NO NUMBER,  
    ADD_HOUSE_NO NUMBER,  
    ADD_PIN NUMBER NOT NULL,  
    ADD_STREET VARCHAR2(15),  
    PRIMARY KEY (ROLL_NO)  
);
```

```
select * from STUDENT;
```

```
CREATE TABLE ADDRESS (  
    ADD_PIN NUMBER NOT NULL,  
    ADD_CITY VARCHAR2(30),  
    ADD_STATE VARCHAR2(40),  
    ADD_COUNTRY VARCHAR2(20),  
    PRIMARY KEY (ADD_PIN)  
);
```

```
select * from ADDRESS;
```

--3.HOSTEL

```
CREATE TABLE HOSTEL (  
    H_NAME VARCHAR2(15) NOT NULL,  
    CAPACITY NUMBER NOT NULL,  
    HOSTEL_NO NUMBER NOT NULL,  
    F_SPORTS VARCHAR2(15),  
    F_NEWSPAP_NAME VARCHAR2(20),  
    F_MESS_id VARCHAR2(5),  
    VACANT_ROOMS NUMBER,  
    PRIMARY KEY (HOSTEL_NO)  
);
```

```
select * from HOSTEL;
```

--4.SKILLED EMPLOYEE

```
CREATE TABLE S_EMPLOYEE (  

```

```

        ID_NO VARCHAR2(5) NOT NULL,
        F_NAME VARCHAR2(20) NOT NULL,
        L_NAME CHAR(20),
        SEX VARCHAR2(6),
        AGE NUMBER,
        PH_NO NUMBER,
        POST VARCHAR2(15),
        MAIL_ID VARCHAR2(50),
        SALARY NUMBER,
        PRIMARY KEY (ID_NO)
    );

```

```

select* from S_EMPLOYEE;

```

```

--5.UNSKILLED EMPLOYEE

```

```

CREATE TABLE U_EMPLOYEE (
    ID_NO VARCHAR2(5) NOT NULL,
    F_NAME VARCHAR2(20) NOT NULL,
    L_NAME CHAR(20),
    SEX VARCHAR2(6),
    AGE NUMBER,
    PH_NO NUMBER,
    WORK_AS VARCHAR2(15),
    CONTACTOR VARCHAR2(50),
    WAGES NUMBER,
    PRIMARY KEY (ID_NO)
);

```

```

SELECT * from U_EMPLOYEE;

```

```

--6.STUDENT_IN_OUT

```

```

CREATE TABLE STUDENT_IN_OUT (
    RECORD_NO NUMBER,
    ROLL_NO VARCHAR2(15) NOT NULL,
    STUDENT_ARR TIMESTAMP,
    STUDENT_DEP TIMESTAMP,
    PRIMARY KEY (RECORD_NO)
);

```

```

SELECT* from STUDENT_IN_OUT;

```

```

--7.VISITOR

```

```

CREATE TABLE VISITOR (
    RECORD_NO NUMBER,
    F_NAME VARCHAR2(15) NOT NULL,
    L_NAME VARCHAR2(15),
    VISITOR_ARR TIMESTAMP,

```

```

        VISITOR_DEP TIMESTAMP,
        VISITOR_CONTACT NUMBER,
        HOSTEL_NO NUMBER,
        PRIMARY KEY (RECORD_NO)
    );

SELECT* from VISITOR;

--8.SKILLED EMPLOYEE TRANSACTION
CREATE TABLE S_EMPLOYEE_TRAN (
    ID_NO VARCHAR2(5),
    ATTENDENCE VARCHAR2(2),
    HOSTEL_NO NUMBER,
    WORKING_DAYS NUMBER,
    PRIMARY KEY (ID_NO)
);

SELECT * from S_EMPLOYEE_TRAN;

--9.UNSKILLED EMPLOYEE TRANSACTION
CREATE TABLE U_EMPLOYEE_TRAN (
    ID_NO VARCHAR2(5),
    ATTENDENCE VARCHAR2(2),
    HOSTEL_NO NUMBER,
    WORKING_DAYS NUMBER,
    PRIMARY KEY (ID_NO)
);

SELECT * from U_EMPLOYEE_TRAN;

--10.STUDENT TRANSACTION
CREATE TABLE STUDENT_TRAN (
    ROLL_NO VARCHAR2(15),
    ATTENDENCE VARCHAR2(2),
    HOSTEL_NO NUMBER,
    LIVING_DAYS NUMBER,
    PRIMARY KEY (ROLL_NO)
);

SELECT * from STUDENT_TRAN;

--11.INTERNET
CREATE TABLE INTERNET (
    HOSTEL_NO NUMBER,
    ROOM_NO NUMBER,
    IP_ADDRESS VARCHAR2(16),
    PRIMARY KEY (HOSTEL_NO, ROOM_NO)
);

```

```

);

select * from INTERNET;

--12.MESS_ADMIN
CREATE TABLE MESS_ADMIN (
    MESS_ID VARCHAR2(5),
    CATARER VARCHAR2(15),
    REPRESENTATIVE VARCHAR2(15),
    PRIMARY KEY (MESS_ID)
);

SELECT * from MESS_ADMIN;

--13.MESS_MENU
CREATE TABLE MESS_MENU (
    MESS_ID VARCHAR2(5),
    M_DAY VARCHAR2(10),
    M_TIME VARCHAR2(10),
    MENU VARCHAR2(80),
    PRIMARY KEY (MESS_ID, M_DAY, M_TIME)
);

SELECT * from MESS_ADMIN;

--C.ALTERING AND REFERENCING(FOREIGN KEY):
--1.VISITOR-HOSTEL(HOSTEL NO)
ALTER TABLE VISITOR
ADD CONSTRAINT FK_VISITOR_HOSTEL
FOREIGN KEY (HOSTEL_NO) REFERENCES HOSTEL(HOSTEL_NO)
ON DELETE CASCADE;

--2.STUDENT-ADDRESS(PIN)
ALTER TABLE STUDENT
ADD CONSTRAINT FK_STUDENT_ADDRESS
FOREIGN KEY (ADD_PIN) REFERENCES ADDRESS(ADD_PIN)
ON DELETE CASCADE;

--3.HOSTEL-MESS ADMIN(MESS ID)
ALTER TABLE HOSTEL
ADD CONSTRAINT FK_HOSTEL_MESS
FOREIGN KEY (F_MESS_ID) REFERENCES MESS_ADMIN(MESS_ID)
ON DELETE CASCADE;

--4.MESS ADMIN-MESS MENU(MESS_ID)
ALTER TABLE MESS_MENU
ADD CONSTRAINT FK_MENU_ADMIN
FOREIGN KEY (MESS_ID) REFERENCES MESS_ADMIN(MESS_ID)

```

```
ON DELETE CASCADE;
```

```
--5.STUDENT- STUDENT_IN_OUT(ROLL NO)
```

```
ALTER TABLE STUDENT_IN_OUT
```

```
ADD CONSTRAINT FK_SIO_STUDENT
```

```
FOREIGN KEY (ROLL_NO) REFERENCES STUDENT(ROLL_NO)
```

```
ON DELETE CASCADE;
```

```
--6.SKILLED EMPLOYEE TRANSACTION-SKILLED EMPLOYEE-HOSTEL(ID_NO,HOSTEL NO)
```

```
ALTER TABLE S_EMPLOYEE_TRAN
```

```
ADD CONSTRAINT FK_SETTRAN_EMP
```

```
FOREIGN KEY (ID_NO) REFERENCES S_EMPLOYEE(ID_NO)
```

```
ON DELETE CASCADE;
```

```
ALTER TABLE S_EMPLOYEE_TRAN
```

```
ADD CONSTRAINT FK_SETTRAN_HOSTEL
```

```
FOREIGN KEY (HOSTEL_NO) REFERENCES HOSTEL(HOSTEL_NO)
```

```
ON DELETE CASCADE;
```

```
--7.UNSKILLED EMPLOYEE TRANSACTION-UNSKILLED EMPLOYEE-HOSTEL(ID_NO,HOSTEL NO)
```

```
ALTER TABLE U_EMPLOYEE_TRAN
```

```
ADD CONSTRAINT FK_UETTRAN_EMP
```

```
FOREIGN KEY (ID_NO) REFERENCES U_EMPLOYEE(ID_NO)
```

```
ON DELETE CASCADE;
```

```
ALTER TABLE U_EMPLOYEE_TRAN
```

```
ADD CONSTRAINT FK_UETTRAN_HOSTEL
```

```
FOREIGN KEY (HOSTEL_NO) REFERENCES HOSTEL(HOSTEL_NO)
```

```
ON DELETE CASCADE;
```

```
--8.INTERNET-HOSTEL(HOSTEL NO)
```

```
ALTER TABLE INTERNET
```

```
ADD CONSTRAINT FK_INTERNET_HOSTEL
```

```
FOREIGN KEY (HOSTEL_NO) REFERENCES HOSTEL(HOSTEL_NO)
```

```
ON DELETE CASCADE;
```

```
--9.STUDENT TRANSACTION-STUDENT-HOSTEL(ROLL NO, HOSTEL NO)
```

```
ALTER TABLE STUDENT_TRAN
```

```
ADD CONSTRAINT FK_STTRAN_STUDENT
```

```
FOREIGN KEY (ROLL_NO) REFERENCES STUDENT(ROLL_NO)
```

```
ON DELETE CASCADE;
```

```
ALTER TABLE STUDENT_TRAN
```

```
ADD CONSTRAINT FK_STTRAN_HOSTEL
```

```
FOREIGN KEY (HOSTEL_NO) REFERENCES HOSTEL(HOSTEL_NO)
```

```
ON DELETE CASCADE;
```

--D.INSERION OF DATA

--1.ADDRESS

```
INSERT INTO ADDRESS VALUES(423203, 'malegaon', 'maharashtra', 'INDIA');
INSERT INTO ADDRESS VALUES(208002, 'kanpur', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(226001, 'lucknow', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(483773, 'katni', 'madhya pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(824112, 'barun', 'rajasthan', 'INDIA');
INSERT INTO ADDRESS VALUES(452001, 'indore', 'madhya pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(474011, 'gwalior', 'madhya pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(261001, 'sitapur', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(273001, 'gorakhpur', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(261207, 'sitapur', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(274001, 'deoria', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(273002, 'gorakhpur', 'uttar pradesh', 'INDIA');
INSERT INTO ADDRESS VALUES(222001, 'jaunpur', 'uttar pradesh', 'INDIA');
```

SELECT * FROM ADDRESS;

--2.STUDENT

INSERT INTO STUDENT VALUES

```
('IPG2014127', 'VAISHNAV', 'CHANDAK', 145, 'vchandak@gmail.com', TO_DATE('1996-09-28',
'YYYY-MM-DD'), 20, 9754054897, 8, 423203, 'satana road');
```

INSERT INTO STUDENT VALUES

```
('IPG2014078', 'SAURABH', 'SHARMA', 46, 'sspgaurav@gmail.com', TO_DATE('1996-07-31',
'YYYY-MM-DD'), 20, 9111186037, 6, 208002, 'old_cnb');
```

INSERT INTO STUDENT VALUES

```
('IPG2014022', 'ARPIT', 'YADAV', 140, 'yadavarpit@gmail.com', TO_DATE('1995-09-20',
'YYYY-MM-DD'), 21, 8989711506, 3, 226001, 'gandhi street');
```

INSERT INTO STUDENT VALUES

```
('IPG2011110', 'PANKAJ', 'SINGH', 7, 'ppsingh@gmail.com', TO_DATE('1995-07-04',
'YYYY-MM-DD'), 21, 7588961231, 7, 483773, 'imtiya');
```

INSERT INTO STUDENT VALUES

```
('IPG2013109', 'SONU', 'MEENA', 8, 'sonu.meena@gmail.com', TO_DATE('1994-09-05',
'YYYY-MM-DD'), 22, 9829074706, 2, 824112, 'indira road');
```

INSERT INTO STUDENT VALUES

```
('IPG2012013', 'ANKIT', 'JHAROTIYA', 19, 'ankit126@gmail.com', TO_DATE('1993-02-06',
'YYYY-MM-DD'), 23, 7898422792, 9, 452001, 'raja bagh');
```

INSERT INTO STUDENT VALUES

```
('PHD2015116', 'ANKIT', 'KUMAR', 140, 'amitkumar.iiitm@gmail.com', TO_DATE('1990-12-25',
'YYYY-MM-DD'), 26, 9425778033, 25, 474011, 'lashkar');
```

```
INSERT INTO STUDENT VALUES
('IPG2014079','SHANTANU','TRIPATHI',47,'shantanu.akt@gmail.com', TO_DATE('1996-07-11',
'YYYY-MM-DD'), 20, 8435564615, 18, 261001, 'civil line');
```

```
INSERT INTO STUDENT VALUES
('IPG2014009','ALOK','SINGH',49,'aloks2573@gmail.com', TO_DATE('1996-11-10',
'YYYY-MM-DD'), 20, 8109537085, 78, 273001, 'padrona');
```

```
INSERT INTO STUDENT VALUES
('IPG2014049','KRISHNA','YADAV',52,'kkyadaviiitm@gmail.com', TO_DATE('1995-08-04',
'YYYY-MM-DD'), 21, 8719987060, 26, 273001, 'Police colony');
```

```
INSERT INTO STUDENT VALUES
('IPG2014116','BUDDHPRIY','MAURY',53,'skm.bpm@gmail.com', TO_DATE('1995-01-15',
'YYYY-MM-DD'), 21, 8462072647, 48, 273001, 'kushinagar');
```

```
INSERT INTO STUDENT VALUES
('IPG2014103','VIPIN','KUMAR',43,'vipin11july1995@gmail.com', TO_DATE('1995-07-11',
'YYYY-MM-DD'), 21, 9455235148, 17, 261207, 'anand nagar');
```

```
INSERT INTO STUDENT VALUES
('IPG2014102','VIKAS','YADAV',29,'viksyvy@gmail.com', TO_DATE('1996-06-28',
'YYYY-MM-DD'), 20, 8718863298, 26, 274001, 'patel nagar');
```

```
INSERT INTO STUDENT VALUES
('IPG2014013','ANANT','UPADHYAY',30,'anant131995@gmail.com', TO_DATE('1995-08-12',
'YYYY-MM-DD'), 21, 8889795330, 40, 273002, 'civil line');
```

```
INSERT INTO STUDENT VALUES
('IPG2014014','ANIKET','GUPTA',31,'aniket.fauji@gmail.com', TO_DATE('1995-05-27',
'YYYY-MM-DD'), 21, 7783958558, 20, 222001, 'civil line');
```

```
SELECT * FROM STUDENT;
```

```
--3.SKILLED EMPLOYEE
```

```
INSERT INTO S_employee
VALUES('A-1','GIRRAJ','SHIKARWAR','MALE',46,9200119243,'Supervisor','giriraj60@gmail.c
om',15500);
```

```
INSERT INTO S_employee VALUES('A-2', 'DINESH', 'SHARMA', 'MALE',60,9977217989,
'Supervisor','sharma.dinesh@gmail.com',23200);
```

```
INSERT INTO S_employee VALUES('A-3', 'HEMANT', 'BHARGAVA', 'MALE',25,9806671701,
'Supervisor','bhargavahem@gmail.com',13200);
```

```
INSERT INTO S_employee VALUES('A-7', 'SANJAY', 'SHARMA', 'MALE',28,9993282615,
'Supervisor','sanjay.sharma88@gmail.com',14000);
```

```
SELECT * from S_EMPLOYEE;
```

--4.UNSKILLED EMPLOYEE

```
INSERT INTO U_EMPLOYEE VALUES ('A-5', 'ASHOK', 'GUPTA', 'MALE', 31,
9039157516, 'H_Security', 'JUPITAR', 8000);
INSERT INTO U_EMPLOYEE VALUES ('A-6', 'BABLU', 'SHARMA', 'MALE', 36,
9039231041, 'Carpenter', 'TEMPORARY', 4000);
INSERT INTO U_EMPLOYEE VALUES ('A-8', 'ANAND', 'GUPTA', 'MALE', 34,
8564892456, 'Electrician', 'TEMPORARY', 4000);
INSERT INTO U_EMPLOYEE VALUES ('A-9', 'RAM', 'AVATAR', 'MALE', 45,
9437652897, 'Gardener', 'TEMPORARY', 3500);
INSERT INTO U_EMPLOYEE VALUES ('A-10', 'OM', 'DWIVEDI', 'MALE', 32,
9423175503, 'Electrician', 'TEMPORARY', 3500);
INSERT INTO U_EMPLOYEE VALUES ('A-11', 'DHARMENDRA', 'SHARMA', 'MALE', 37,
8989711546, 'H_Security', 'JUPITAR', 8000);
INSERT INTO U_EMPLOYEE VALUES ('A-12', 'RAJENDRA', 'PAL', 'MALE', 32,
7568925468, 'Plumber', 'TEMPORARY', 3500);
INSERT INTO U_EMPLOYEE VALUES ('A-13', 'VISHAMBHAR', 'PAL', 'MALE', 46,
7049568972, 'Plumber', 'TEMPORARY', 3500);
INSERT INTO U_EMPLOYEE VALUES ('A-14', 'DHARMENDRA', 'TRIPATHI', 'MALE', 43,
8456713984, 'Carpenter', 'TEMPORARY', 3500);
INSERT INTO U_EMPLOYEE VALUES ('A-15', 'SURESH', 'SONI', 'MALE', 34,
9422756897, 'Sweeper', 'TEMPORARY', 3400);
```

```
SELECT * from U_EMPLOYEE;
```

--5.MESS ADMIN

```
INSERT INTO MESS_ADMIN VALUES ('M-1', 'JAIN', 'AMANDEEP');
INSERT INTO MESS_ADMIN VALUES ('M-2', 'SONPAL', 'PATIDAR');
INSERT INTO MESS_ADMIN VALUES ('M-3', 'GALAV', 'ADITYA');
```

```
SELECT * from MESS_ADMIN;
```

--6.HOSTEL

```
INSERT INTO HOSTEL VALUES ('ARAVALI', 313, 1, 'TT', 'BHASKAR', 'M-1', 20);
INSERT INTO HOSTEL VALUES ('NILGIRI', 310, 2, 'SNOOKER', 'BHASKAR', 'M-2', 20);
INSERT INTO HOSTEL VALUES ('SHIVALIK', 250, 3, 'TT', 'TIMES OF INDIA', 'M-3', 24);
```

```
SELECT * from HOSTEL;
```

--7.UNSKILLED EMPLOYEE TRANSACTION

```
INSERT INTO U_EMPLOYEE_TRAN VALUES ('A-5', 'P', 2, 26);
INSERT INTO U_EMPLOYEE_TRAN VALUES ('A-6', 'P', 3, 25);
INSERT INTO U_EMPLOYEE_TRAN VALUES ('A-8', 'P', 2, 20);
INSERT INTO U_EMPLOYEE_TRAN VALUES ('A-9', 'P', 2, 24);
```

```
SELECT * from U_EMPLOYEE_TRAN;
```

--8.INTERNET


```

INSERT INTO INTERNET VALUES (1,20,'192.168.64.241');
INSERT INTO INTERNET VALUES (2,20,'192.168.64.21');
INSERT INTO INTERNET VALUES (3,320,'192.168.64.22');
INSERT INTO INTERNET VALUES (1,210,'192.168.64.201');
INSERT INTO INTERNET VALUES (2,120,'192.168.64.107');
INSERT INTO INTERNET VALUES (3,204,'192.168.64.121');

SELECT * from INTERNET;

--9.STUDENT TRANSACTION
INSERT INTO STUDENT_TRAN VALUES ('IPG2011110','P',2,26);
INSERT INTO STUDENT_TRAN VALUES ('IPG2014078','P',3,25);
INSERT INTO STUDENT_TRAN VALUES ('IPG2014009','P',2,20);
INSERT INTO STUDENT_TRAN VALUES ('IPG2014013','P',2,24);
INSERT INTO STUDENT_TRAN VALUES ('IPG2011110','P',2,26);
INSERT INTO STUDENT_TRAN VALUES ('IPG2014078','P',3,25);
INSERT INTO STUDENT_TRAN VALUES ('IPG2014009','P',2,20);
INSERT INTO STUDENT_TRAN VALUES ('IPG2014014','P',2,24);

SELECT * from STUDENT_TRAN;

-- 10.STUDENT_IN_OUT
INSERT INTO STUDENT_IN_OUT (RECORD_NO, ROLL_NO, STUDENT_ARR, STUDENT_DEP)
VALUES (1, 'IPG2013109', TO_TIMESTAMP('2016-04-12 23:02:46', 'YYYY-MM-DD HH24:MI:SS'),
TO_TIMESTAMP('2016-04-13 23:03:02', 'YYYY-MM-DD HH24:MI:SS'));

INSERT INTO STUDENT_IN_OUT (RECORD_NO, ROLL_NO, STUDENT_ARR, STUDENT_DEP)
VALUES (2, 'IPG2014014', TO_TIMESTAMP('2016-04-21 21:03:54', 'YYYY-MM-DD HH24:MI:SS'),
TO_TIMESTAMP('2016-04-22 20:04:07', 'YYYY-MM-DD HH24:MI:SS'));

INSERT INTO STUDENT_IN_OUT (RECORD_NO, ROLL_NO, STUDENT_ARR, STUDENT_DEP)
VALUES (3, 'IPG2014022', TO_TIMESTAMP('2016-04-22 23:04:36', 'YYYY-MM-DD HH24:MI:SS'),
TO_TIMESTAMP('2016-04-22 04:05:06', 'YYYY-MM-DD HH24:MI:SS'));

SELECT* from STUDENT_IN_OUT;

--11. VISITOR
INSERT INTO VISITOR (RECORD_NO, F_NAME, L_NAME, VISITOR_ARR, VISITOR_DEP,
VISITOR_CONTACT, HOSTEL_NO)
VALUES (1, 'ARUN', 'TRIPATHI', TO_TIMESTAMP('2016-04-04 23:08:19', 'YYYY-MM-DD
HH24:MI:SS'),
TO_TIMESTAMP('2016-04-04 23:08:24', 'YYYY-MM-DD HH24:MI:SS'), '9839943548',
2);

INSERT INTO VISITOR (RECORD_NO, F_NAME, L_NAME, VISITOR_ARR, VISITOR_DEP,
VISITOR_CONTACT, HOSTEL_NO)

```

```

VALUES (2, 'SP', 'SHARMA', TO_TIMESTAMP('2016-04-13 23:09:06', 'YYYY-MM-DD
HH24:MI:SS'),
        TO_TIMESTAMP('2016-04-14 23:09:13', 'YYYY-MM-DD HH24:MI:SS'), '9792177883',
3);

SELECT * from VISITOR;

-- 12 - MESS_MENU Inserts and Updates
INSERT INTO MESS_MENU (MESS_ID) VALUES ('M-1');
INSERT INTO MESS_MENU (MESS_ID) VALUES ('M-2');
INSERT INTO MESS_MENU (MESS_ID) VALUES ('M-3');

SELECT * from MESS_MENU;

-- Set M_DAY to MON
UPDATE MESS_MENU SET M_DAY = 'MON' WHERE MESS_ID = 'M-1' AND M_DAY IS NULL AND M_TIME
IS NULL;
UPDATE MESS_MENU SET M_DAY = 'MON' WHERE MESS_ID = 'M-2' AND M_DAY IS NULL AND M_TIME
IS NULL;
UPDATE MESS_MENU SET M_DAY = 'MON' WHERE MESS_ID = 'M-3' AND M_DAY IS NULL AND M_TIME
IS NULL;

-- Set M_TIME to BREAKFAST
UPDATE MESS_MENU SET M_TIME = 'BREAKFAST' WHERE MESS_ID = 'M-1' AND M_DAY = 'MON' AND
M_TIME IS NULL;
UPDATE MESS_MENU SET M_TIME = 'BREAKFAST' WHERE MESS_ID = 'M-2' AND M_DAY = 'MON' AND
M_TIME IS NULL;
UPDATE MESS_MENU SET M_TIME = 'BREAKFAST' WHERE MESS_ID = 'M-3' AND M_DAY = 'MON' AND
M_TIME IS NULL;

-- Set MENU values
UPDATE MESS_MENU SET MENU = 'IDLI, CHATNI' WHERE MESS_ID = 'M-1' AND M_DAY = 'MON' AND
M_TIME = 'BREAKFAST';
UPDATE MESS_MENU SET MENU = 'IDLI, CHATNI' WHERE MESS_ID = 'M-2' AND M_DAY = 'MON' AND
M_TIME = 'BREAKFAST';
UPDATE MESS_MENU SET MENU = 'IDLI, SAMBHAR' WHERE MESS_ID = 'M-3' AND M_DAY = 'MON'
AND M_TIME = 'BREAKFAST';

-- Other days and updates
UPDATE MESS_MENU SET M_DAY = 'TUES' WHERE MESS_ID = 'M-3' AND M_DAY IS NULL AND M_TIME
IS NULL;
UPDATE MESS_MENU SET M_DAY = 'WED', M_TIME = 'BREAKFAST' WHERE MESS_ID = 'M-3' AND
M_DAY IS NULL AND M_TIME IS NULL;
UPDATE MESS_MENU SET M_TIME = 'BREAKFAST', MENU = 'POHA' WHERE MESS_ID = 'M-3' AND
M_DAY = 'TUES' AND M_TIME IS NULL;
UPDATE MESS_MENU SET MENU = 'PAV- BHAJI' WHERE MESS_ID = 'M-3' AND M_DAY = 'WED' AND
M_TIME = 'BREAKFAST';

```

```

-- Direct inserts for other days
INSERT INTO MESS_MENU (MESS_ID, M_DAY, M_TIME, MENU) VALUES ('M-3', 'THURS',
'BREAKFAST', 'PARATHA AALOO');
INSERT INTO MESS_MENU (MESS_ID, M_DAY, M_TIME, MENU) VALUES ('M-3', 'SUN',
'BREAKFAST', 'AALO PARATHA');

SELECT * from MESS_MENU;

-- 13. SKILLED EMPLOYEE TRANSACTION
INSERT INTO S_EMPLOYEE_TRAN VALUES('A-1','P',1,24);
INSERT INTO S_EMPLOYEE_TRAN VALUES('A-2','P',2,24);
INSERT INTO S_EMPLOYEE_TRAN VALUES('A-3','P',3,20);

SELECT * from S_EMPLOYEE_TRAN;

--QUERIES TO MANIPULATE DATA:-
--1.To select student info from room no-
    SELECT * FROM STUDENT WHERE ROOM_NO=145 ;

--2.To see the no. of rooms vacant-
    SELECT VACANT_ROOMS FROM HOSTEL WHERE HOSTEL_NO =1;

--3.The info of employee of particular department-
SELECT * FROM U_EMPLOYEE
WHERE WORK_AS = 'Carpenter';

--4.To get total info of HOSTEL-
SELECT * FROM HOSTEL WHERE HOSTEL_no=1 ;

--5.To get info about supervisor of a HOSTEL
--SELECT SALARY
SELECT *FROM S_EMPLOYEE
WHERE POST = 'Supervisor';

--6.To get salary info of a particular skilled employee
SELECT SALARY
FROM S_EMPLOYEE
WHERE POST = 'Supervisor';

--7.To check if an employee is present on a particular day-
SELECT ATTENDENCE
FROM S_EMPLOYEE_TRAN
WHERE ID_NO = 'A-1' AND WORKING_DAYS = 24;

--8.To calculate the no. of working days in a month of an employee-

```

```

--SELECT* FROM U_EMPLOYEE;
SELECT WORKING_DAYS FROM U_EMPLOYEE_TRAN WHERE ID_NO='A-6';

--9.To see the MESS MENU of a particular HOSTEL
SELECT F_MESS_ID FROM HOSTEL;
SELECT MENU FROM MESS_MENU WHERE MESS_ID = 'M-3';

--10.To get mess admin info of a particular HOSTEL
SELECT F_MESS_ID FROM HOSTEL;
SELECT CATARER, REPRESENTATIVE FROM MESS_ADMIN WHERE MESS_ID = 'M-2';

--11.To get info of visitors to a particular HOSTEL-
SELECT *FROM VISITOR WHERE HOSTEL_no=2 ;

--12.To get the arrival and departure time of a student from a HOSTEL-
SELECT STUDENT_ARR,STUDENT_DEP FROM STUDENT_IN_OUT WHERE ROLL_NO='IPG2013109';

--13.To check the guard present at a particular HOSTEL
--SELECT * from U_EMPLOYEE;
SELECT ID_NO, F_NAME, L_NAME, PH_NO
FROM U_EMPLOYEE
WHERE WORK_AS = 'H_Security';

--14. To check total capacity of a particular HOSTEL-
SELECT CAPACITY,H_NAME FROM HOSTEL WHERE HOSTEL_no=2;

--15.To check if a student is present in HOSTEL or on leave on a particular-
--SELECT * from STUDENT_TRAN;
SELECT ATTENDENCE,HOSTEL_NO FROM STUDENT_TRAN WHERE roll_no='IPG2014078';

--16.CHANGE THE ATTRIBUTE NAME;
ALTER TABLE ADDRESS RENAME COLUMN ADD_CITY TO CITY;

```