***ASSIGNMENT:09***

**DATE:** 30/01/2019

**Using the following tables write SQL queries:**

**TABLE1:** **TOUR\_AGENCY (TS\_NO, MIN\_NO\_OF\_TRAVELLER, RATE, OFF\_SESSION\_DISCOUNT, SOURCE, DESTINATION, MONTH\_OF\_TRAVEL, DATES\_OF\_TRAVEL)**

**TABLE2: TOURIST (TOURIST\_ID\_NO, NAME, AGE, SEX, ADDRESS, TS\_NO, DISCOUNT)**

**ENTITY:** TOUR\_AGENCY

**ATTRIBUTE:** TS\_NO, MIN\_NO\_OF\_TRAVELLER, RATE, OFF\_SESSION\_DISCOUNT, SOURCE, DESTINATION, MONTH\_OF\_TRAVEL, DATES\_OF\_TRAVEL

**PRIMARY KEY:** TS\_NO

**ENTITY:** TOURIST

**ATTRIBUTE:** TOURIST\_ID\_NO, NAME, AGE, SEX, ADDRESS, TS\_NO, DISCOUNT

**PRIMARY KEY:** TOURIST\_ID\_NO

|  |
| --- |
| **TOUR\_AGENCY** |
| TS\_NO |
| MIN\_NO\_OF\_TRAVELLER |
| RATE |
| OFF\_SESSION\_DISCOUNT |
| SOURCE |
| DESTINATION |
| MONTH\_OF\_TRAVEL |
| DATES\_OF\_TRAVEL |

|  |
| --- |
| **TOURIST** |
| TOURIST\_ID\_NO |
| NAME |
| AGE |
| SEX |
| ADDRESS |
| TS\_NO |
| DISCOUNT |

**TABLE1:** **TOUR\_AGENCY**

**CREATE TABLE**

CREATE TABLE TOUR\_AGENCY(

TS\_NO NUMBER(3) PRIMARY KEY,

MIN\_NO\_OF\_TRAVELLER NUMBER(3),

RATE NUMBER(4),

OFF\_SESSION\_DISCOUNT NUMBER(3),

SOURCE VARCHAR2(10),

DESTINATION VARCHAR2(10),

MONTH\_OF\_TRAVEL VARCHAR2(10),

DATES\_OF\_TRAVEL DATE

);

DESC TOUR\_AGENCY;

Name Null? Type

----------------------------------------- -------- ---------------------

TS\_NO NOT NULL NUMBER(3)

MIN\_NO\_OF\_TRAVELLER NUMBER(3)

RATE NUMBER(4)

OFF\_SESSION\_DISCOUNT NUMBER(3)

SOURCE VARCHAR2(10)

DESTINATION VARCHAR2(10)

MONTH\_OF\_TRAVEL VARCHAR2(10)

DATES\_OF\_TRAVEL DATE

**DATA INSERTION INTO TABLE**

INSERT INTO TOUR\_AGENCY VALUES(111,20,5600,600,'HOWARH','PURI','MAY','20-MAY-2018');

INSERT INTO TOUR\_AGENCY VALUES(222,20,2600,200,'HOWARH','DIGHA','JUNE','18-JUN-2018');

INSERT INTO TOUR\_AGENCY VALUES(333,20,9600,400,'HOWARH','LADAKH','MARCH','20-MAR-2018');

**RECORD STORED IN TABLE**

SELECT \* FROM TOUR\_AGENCY;

TS\_NO MIN\_NO\_OF\_TRAVELLER RATE OFF\_SESSION\_DISCOUNT SOURCE

---------- ------------------- ---------- -------------------- ----------

DESTINATIO MONTH\_OF\_T DATES\_OF\_

---------- ---------- ---------

111 20 5600 600 HOWARH

PURI MAY 20-MAY-18

222 20 2600 200 HOWARH

DIGHA JUNE 18-JUN-18

333 20 9600 400 HOWARH

LADAKH MARCH 20-MAR-18

**TABLE2:** **TOURIST**

**CREATE TABLE**

CREATE TABLE TOURIST(

TOURIST\_ID\_NO NUMBER(3) PRIMARY KEY,

NAME VARCHAR2(10),

AGE NUMBER(3),

SEX VARCHAR2(6),

ADDRESS VARCHAR2(10),

TS\_NO NUMBER(3),

DISCOUNT VARCHAR2(1),

FOREIGN KEY(TS\_NO) REFERENCES TOUR\_AGENCY(TS\_NO)

);

DESC TOURIST;

Name Null? Type

----------------------------------------- -------- --------------------

TOURIST\_ID\_NO NOT NULL NUMBER(3)

NAME VARCHAR2(10)

AGE NUMBER(3)

SEX VARCHAR2(6)

ADDRESS VARCHAR2(10)

TS\_NO NUMBER(3)

DISCOUNT VARCHAR2(1)

**DATA INSERTION INTO TABLE**

INSERT INTO TOURIST VALUES(101,'DEEP',20,'MALE','HALISAHAR',111,'Y');

INSERT INTO TOURIST VALUES(102,'RAHUL',20,'MALE','PALPARA',222,'N');

INSERT INTO TOURIST VALUES(103,'PAMIR',20,'MALE','PALPARA',333,'N');

**RECORD STORED IN TABLE**

SELECT \* FROM TOURIST;

TOURIST\_ID\_NO NAME AGE SEX ADDRESS TS\_NO D

------------- ---------- ---------- ------ ---------- ---------- -

101 DEEP 20 MALE HALISAHAR 111 Y

102 RAHUL 20 MALE PALPARA 222 N

103 PAMIR 20 MALE PALPARA 333 N

**QUERY 1: DISPLAY TOUR PROGRAM FOR PARTICULAR MONTH.**

SELECT \* FROM TOUR\_AGENCY WHERE MONTH\_OF\_TRAVEL='MAY';

**OUTPUT:**

TS\_NO MIN\_NO\_OF\_TRAVELLER RATE OFF\_SESSION\_DISCOUNT SOURCE

---------- ------------------- ---------- -------------------- ----------

DESTINATIO MONTH\_OF\_T DATES\_OF\_

---------- ---------- ---------

111 20 5600 600 HOWARH

PURI MAY 20-MAY-18

**QUERY 2: BOOKING OF TOURIST IN A TOUR.**

INSERT INTO TOURIST VALUES(104,'ALU',20,'MALE','HALISAHAR',222,'Y');

**OUTPUT:**

SELECT \* FROM TOURIST;

TOURIST\_ID\_NO NAME AGE SEX ADDRESS TS\_NO D

------------- ---------- ---------- ------ ---------- ---------- -

101 DEEP 20 MALE HALISAHAR 111 Y

102 RAHUL 20 MALE PALPARA 222 N

103 PAMIR 20 MALE PALPARA 333 N

104 ALU 20 MALE HALISAHAR 222 Y