USE TRAINEES

CREATE TABLE Worker (

WORKER\_ID INT NOT NULL PRIMARY KEY,

FIRST\_NAME CHAR(25),

LAST\_NAME CHAR(25),

SALARY INT,

JOINING\_DATE DATETIME,

DEPARTMENT CHAR(25)

);

INSERT INTO Worker

(WORKER\_ID, FIRST\_NAME, LAST\_NAME, SALARY,

JOINING\_DATE, DEPARTMENT) VALUES

(002, 'Niharika', 'Verma', 80000, '2000-02-02', 'Admin'),

(003, 'Vishal', 'Singhal', 300000, '2000-02-02', 'HR'),

(004, 'Amitabh', 'Singh', 500000, '2000-02-02', 'Admin'),

(005, 'Vivek', 'Bhati', 500000, '2000-02-02', 'Admin'),

(006, 'Vipul', 'Diwan', 200000, '2000-02-02', 'Account'),

(007, 'Satish', 'Kumar', 75000, '2000-02-02', 'Account'),

(008, 'Geetika', 'Chauhan', 90000, '2000-02-02', 'Admin');

CREATE TABLE Bonus (

WORKER\_REF\_ID INT, BONUS\_AMOUNT INT, BONUS\_DATE DATETIME, FOREIGN KEY (WORKER\_REF\_ID)

REFERENCES Worker(WORKER\_ID)

ON DELETE CASCADE);

INSERT INTO Bonus

(WORKER\_REF\_ID, BONUS\_AMOUNT, BONUS\_DATE) VALUES

(001, 5000, '2016-02-02'),

(002, 3000, '2016-06-01'),

(003, 4000, '2016-02-02'),

(001, 4500, '2016-02-02'),

(002, 3500, '2016-06-01');

CREATE TABLE Title (

WORKER\_REF\_ID INT, WORKER\_TITLE CHAR(25),

AFFECTED\_FROM DATETIME, FOREIGN KEY (WORKER\_REF\_ID)

REFERENCES Worker(WORKER\_ID) ON DELETE CASCADE

);

INSERT INTO Title

(WORKER\_REF\_ID, WORKER\_TITLE, AFFECTED\_FROM) VALUES

(001, 'Manager', '2016-02-20 00:00:00'),

(002, 'Executive', '2016-06-11 00:00:00'),

(008, 'Executive', '2016-06-11 00:00:00'),

(005, 'Manager', '2016-06-11 00:00:00'),

(004, 'Asst. Manager', '2016-06-11 00:00:00'),

(007, 'Executive', '2016-06-11 00:00:00'),

(006, 'Lead', '2016-06-11 00:00:00'),

(003, 'Lead', '2016-06-11 00:00:00');

Q-1. Write an SQL query to fetch “FIRST\_NAME” from Worker table using the alias name as <WORKER\_NAME>.

Q-2. Write an SQL query to fetch “FIRST\_NAME” from Worker table in upper case.

Q-3. Write an SQL query to fetch unique values of DEPARTMENT from Worker table.

Q-4. Write an SQL query to print the first three characters of FIRST\_NAME from Worker table.

Q-5. Write an SQL query that fetches the unique values of DEPARTMENT from Worker table and prints its length.

Q-6. Write an SQL query to print the FIRST\_NAME and LAST\_NAME from Worker table into a single column COMPLETE\_NAME. A space char should separate them.

Q-7. Write an SQL query to print details for Workers with the first name as “Vipul” and “Satish” from Worker table.

Q-8. Write an SQL query to print details of Workers with DEPARTMENT name as “Admin”.

Q-9. Write an SQL query to print details of the Workers whose FIRST\_NAME ends with ‘a’.

Q-10. Write an SQL query to print details of the Workers whose FIRST\_NAME contains ‘a’.