**Write the SQL query for the following:**

1. List of employees who are consultants along with their department.
2. Display the name of employees having the highest salary in each department.

USE Organization;

CREATE TABLE Worker\_Details (

WORKER\_ID INT NOT NULL PRIMARY KEY ,

FIRST\_NAME varCHAR(25),

LAST\_NAME varCHAR(25),

SALARY INT,

JOINING\_DATE DATETIME,

DEPARTMENT varCHAR(25)

);

INSERT INTO Worker\_Details

(WORKER\_ID, FIRST\_NAME, LAST\_NAME, SALARY, JOINING\_DATE, DEPARTMENT) VALUES

(001, 'Monika', 'Arora', 100000, 14-02-20, 'HR'),

(002, 'Niharika', 'Verma', 80000, 14-06-11, 'Admin'),

(003, 'Vishal', 'Singhal', 350000, 14-02-20, 'HR'),

(004, 'Amitabh', 'Singh', 500000, 14-02-20, 'Admin'),

(005, 'Vivek', 'Bhati', 504000, 14-06-11, 'Admin'),

(006, 'Vipul', 'Diwan', 270000, 14-06-11, 'Account'),

(007, 'Satish', 'Kumar', 75000, 14-01-20, 'Account'),

(008, 'Geetika', 'Chauhan', 90000, 14-04-11, 'Admin'),

(009, 'Deepthi', 'Pradhan', 55000, 14-04-21, 'Admin'),

(010, 'Ranjana', 'Radhakrisnan', 50000, 14-04-21, 'HR'),

(011, 'Jyothi', 'Rao', 60000, 14-05-21, 'Account '),

(012, 'Vidya', 'Jain', 40000, 14-06-21, 'Account '),

(013, 'Rajan', 'Mishra', 200000, 14-02-21, 'HR'),

(014, 'Madhumita', 'Roy', 600000, 15-06-21, 'HR'),

(015, 'Kiran', 'Kumar', 600000, 14-06-11, 'Admin'),

(016, 'Shalini', 'Patil', 800000, 19-03-21, 'Training'),

(017, 'Manu', 'Giridhar', 300000, 10-10-21, 'Training'),

(018, 'Ravi', 'Rao', 500000, 09-07-21, 'Training'),

(019, 'Arun', 'Rao', 600000, 03-03-21, 'Training'),

(020, 'Ashok', 'Kumar', 400000, 10-11-21, 'Training'),

(021, 'Vidya', 'Lakashmi', 300000, 08-07-21, 'Training');

CREATE TABLE Bonus (

WORKER\_REF\_ID INT,

BONUS\_AMOUNT INT,

BONUS\_DATE DATETIME,

FOREIGN KEY (WORKER\_REF\_ID)

REFERENCES Worker\_Details(WORKER\_ID)

ON DELETE CASCADE

);

INSERT INTO Bonus

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

(001, 5000, 16-02-20),

(002, 3000, 16-06-11),

(003, 4000, 16-02-20),

(001, 4500, 16-02-20),

(012, 5500, 16-06-21),

(010, 3000, 16-07-21),

(008, 2500, 22-06-21),

(007, 3000, 11-05-15),

(005, 4000, 16-06-19);

CREATE TABLE Title (

WORKER\_REF\_ID INT,

WORKER\_TITLE VarCHAR(25),

AFFECTED\_FROM DATETIME,

FOREIGN KEY (WORKER\_REF\_ID)

REFERENCES Worker\_Details (WORKER\_ID)

ON DELETE CASCADE

);

INSERT INTO Title

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

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

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

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

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

(004, 'Consultant', 2016-06-11),

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

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

(003, 'Lead', 2016-06-11),

(009, 'Executive', 2021-06-11),

(010, 'Lead', 2021-07-11),

(011, 'Executive', 2021-08-11),

(012, 'Executive', 2021-07-11),

(013, 'Executive', 14-02-21),

(014, 'Senior Manager', 15-06-21),

(015, 'Vice President', 14-06-11),

(016, 'Vice President', 19-03-21),

(017, 'President',10-10-21),

(018, 'Trainer', 09-07-21),

(019, 'Consultant', 03-03-21),

(020, 'Manager', 10-11-21),

(021, 'Lead', 08-07-21);