Part-1:

CASE-1: CREATE TABLE globaltechtb231(emp\_id INT NOT NULL,emp\_name VARCHAR(55) NOT NULL,job\_name VARCHAR(55) NOT NULL,

manager\_id INT,hire\_date DATE NOT NULL,salary INT NOT NULL,

commission INT,dep\_id INT NOT NULL,constraint pk\_globaltechtb231 primary key (emp\_id));

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(68319,'KAYLING','PRESIDENT',null,to\_date('1991-11-18','yyyy-mm-dd'),6000,null,1001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(66928,'BLAZE','MANAGER',68319,to\_date('1991-05-01','yyyy-mm-dd'),2750,null,3001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(67832,'CLARE','MANAGER',68319,to\_date('1991-06-09','yyyy-mm-dd'),2550,null,1001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(65646,'JONAS','MANAGER',68319,to\_date('1991-04-02','yyyy-mm-dd'),2957,null,2001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(67858,'SCARLET','ANALYST',65646,to\_date('1997-04-19','yyyy-mm-dd'),3100,null,2001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(69062,'FRANK','ANALYST',65646,to\_date('1991-12-03','yyyy-mm-dd'),3100,null,2001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(63679,'SANDRINE','CLERK',69062,to\_date('1990-12-18','yyyy-mm-dd'),900,null,2001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(64989,'ADELYN','SALEASMAN',66928,to\_date('1991-02-20','yyyy-mm-dd'),1700,400,3001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(65271,'WADE','SALESMAN',66928,to\_date('1991-02-22','yyyy-mm-dd'),1350,600,3001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(66564,'MADDEN','SALESMAN',66928,to\_date('1991-09-28','yyyy-mm-dd'),1350,1500,3001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(68454,'TUCKER','SALESMAN',66928,to\_date('1991-09-08','yyyy-mm-dd'),1600,0,3001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(65271,'ADNRES','CLERK',67858,to\_date('1997-05-23','yyyy-mm-dd'),1200,null,2001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(69000,'JULIUS','CLERK',66928,to\_date('1991-12-03','yyyy-mm-dd'),1050,null,3001);

INSERT INTO globaltechtb231(emp\_id,emp\_name,job\_name,manager\_id,hire\_date,salary,commission,dep\_id)

VALUES(69324,'MARKER','CLERK',67832,to\_date('1992-01-23','yyyy-mm-dd'),1400,null,1001);

CASE 2: select salary from globaltechtb231;

CASE 3: select distinct job\_name from globaltechtb231;

CASE 4: select emp\_name,to\_char(0.15\*salary) as "salary" from globaltechtb231;

CASE 5: select emp\_name|| ' ' ||job\_name as "Employee & job" from globaltechtb231;

CASE 6: select emp\_name || '('|| lower(job\_name)||')' as "Employee" from globaltechtb231;

CASE 7: select emp\_id,emp\_name,salary,to\_char(hire\_date,'MONTH DD,YYYY') from globaltechtb231;

CASE 8: select length(trim(emp\_name)) from globaltechtb231;