

```
CREATE TABLE ABT(FN VARCHAR2(20), LN VARCHAR2(20),MN INT);
```

```
SELECT*FROM ABT;
```

```
INSERT INTO ABT VALUES ('MONIKA','JADHAV',9860496374);
```

```
INSERT INTO ABT VALUES ('TEJSWINI','BHONDE',7744906451);
```

```
INSERT INTO ABT VALUES ('PRIYNKA','GAYKWAD',7387797618);
```

```
INSERT INTO ABT VALUES ('CHETAN','DHUMALE',9604445223);
```

```
INSERT INTO ABT VALUES ('PRAJKTA','NIKAM',77093669230);
```

```
INSERT INTO ABT VALUES ('ASWINI','KOLHE',8888793732);
```

```
INSERT INTO ABT VALUES ('SAGAR','JADHAV',8237217453);
```

```
INSERT INTO ABT VALUES ('PUJA','UGHADE',9423761593);
```

```
SELECT*FROM ABT;
```

```
ALTER TABLE ABT ADD SALARY VARCHAR2(20);
```

```
UPDATE ABT SET SALARY=45000 WHERE FN='MONIKA';
```

```
UPDATE ABT SET SALARY=35000 WHERE FN='TEJSWINI';
```

```
UPDATE ABT SET SALARY=50000 WHERE FN='PRIYNKA';
```

```
UPDATE ABT SET SALARY=45000 WHERE FN='CHETAN';
```

```
UPDATE ABT SET SALARY=54000 WHERE FN='PRAJKTA';
```

```
UPDATE ABT SET SALARY=60000 WHERE FN='ASWINI';
```

```
UPDATE ABT SET SALARY=70000 WHERE FN='SAGAR';
```

```
UPDATE ABT SET SALARY=79000 WHERE FN='MONIKA';
```

```
ALTER TABLE ABT DROP COLUMN MN;
```

```
ALTER TABLE ABT MODIFY SALARY INT;
```

```
ALTER TABLE ABT ADD EMPID VARCHAR2(20);
```

```
SELECT*FROM ABT;
```

```
ALTER TABLE ABT MODIFY EMPID INT;
```

```
DELETE FROM ABT WHERE SALARY='79000';
```

ROLLBACK;

ALTER TABLE ABT RENAME TO BATCH;

SELECT*FROM BATCH;

ALTER TABLE BATCH RENAME COLUMN FN TO FIRSTNAME;

ALTER TABLE BATCH RENAME COLUMN LN TO LASTNAME;

AGGREGATE FUNCTION -----AGGREGAT

SELECT MAX(SALARY)FROM BATCH;

SELECT MIN(SALARY)FROM BATCH;

SELECT AVG(SALARY)FROM BATCH;

SELECT SUM(SALARY)FROM BATCH;

SELECT COUNT(SALARY)FROM BATCH; // IMP

SELECT*FROM BATCH;

ARITHMETIC OPERATION-----ARITHMETIC

LESS THAN---- '<'

SELECT*FROM BATCH WHERE SALARY <'50000';

SELECT*FROM BATCH WHERE SALARY>'50000';

SELECT*FROM BATCH WHERE SALARY>='60000';

SELECT*FROM BATCH WHERE SALARY<='60000';

SELECT*FROM BATCH WHERE SALARY='45000';

SELECT*FROM BATCH WHERE SALARY!='45000';

OR --

SELECT*FROM BATCH WHERE SALARY<>'70000';

SELECT*FROM BATCH;

INSERT INTO BATCH VALUES ('PRIYNKA','GAYKWAD',7387797618,85000);

INSERT INTO BATCH VALUES ('CHETAN','DHUMALE',9604445223,89000);

SELECT DISTINCT FIRSTNAME FROM BATCH;

SELECT DISTINCT LASTNAME FROM BATCH;

INSERT INTO BATCH VALUES ('ASWINI','KOLHE','60000','');

SELECT DISTINCT*FROM BATCH;

ROLLBACK;

COMMIT;

BETWEEN-----

SELECT*FROM BATCH WHERE SALARY BETWEEN '40000'AND'70000';

ASC-----ASCENDING ORDER

SELECT SALARY FROM BATCH ORDER BY SALARY ASC;

DESC-----DE

SELECT SALARY FROM BATCH ORDER BY SALARY DESC;

SELECT FIRSTNAME FROM BATCH ORDER BY FIRSTNAME DESC;

ORDER BY----

SELECT SALARY FROM BATCH ORDER BY SALARY;

SELECT*FROM BATCH;

LIKE----

SELECT*FROM BATCH WHERE FIRSTNAME LIKE 'C%';

SELECT*FROM BATCH WHERE FIRSTNAME LIKE '%A';

SELECT*FROM BATCH WHERE FIRSTNAME LIKE '%J%';

INSERT INTO BATCH VALUES ('','KAPLE', '89000','');

DESC BATCH;

DROP TABLE BATCH;

CONSTRAINT UNIQUE AND NOT NULL-----

CREATE TABLE TCS (FN VARCHAR2(20),EMPID INT UNIQUE,POST VARCHAR2(20) NOT NULL,LOCATION VARCHAR2(20));

SELECT*FROM TCS;

DESC TCS;

INSERT INTO TCS VALUES ('ANKITA','001','QA','NAGPUR');

```
INSERT INTO TCS VALUES ('PRAJTA','002','DEV','PUNE');  
INSERT INTO TCS VALUES ('ANKITA','003','BA','NASHIK');  
INSERT INTO TCS VALUES ('MONIKA','004','SM','AMRAVTI');  
INSERT INTO TCS VALUES ('SAGAR','005','SSH','GOA');  
UPDATE TCS SET EMPID='004' WHERE FN='SAGAR';
```