Oracle View

view is a virtual table that does not physically exist. It is stored in Oracle data dictionary and do not store any data. It can be executed when called.

A view is created by a query joining one or more tables.

```
DROP TABLE Company;
CREATE TABLE Company
(
    CompanyId INT,
    CompanyName VARCHAR(20)
);

INSERT INTO Company VALUES(1, 'DELL');
INSERT INTO Company VALUES(2, 'HP');
INSERT INTO Company VALUES(3, 'IBM');
INSERT INTO Company VALUES(4, 'Microsoft');

DROP TABLE Candidate;
CREATE TABLE Candidate
(
    CandidateId INT,
    FullName VARCHAR(20),
    CompanyId INT
);

INSERT INTO Candidate VALUES(1, 'Ron',1);
INSERT INTO Candidate VALUES(2, 'Pete',2);
INSERT INTO Candidate VALUES(3, 'Steve',3);
INSERT INTO Candidate VALUES(4, 'Smith',NULL);
INSERT INTO Candidate VALUES(5, 'Ravi',1);
INSERT INTO Candidate VALUES(6, 'Raj',3);
INSERT INTO Candidate VALUES(7, 'Kiran',NULL);
```

Create View

```
CREATE VIEW ALLDELL_EMP AS
SELECT Company.CompanyName, Candidate.FullName ,
 Candidate.CandidateId
FROM Company
INNER JOIN Candidate
ON Company.CompanyId= Candidate.CompanyId
WHERE Company.CompanyName = 'DELL';

CREATE VIEW ALLHP_EMP AS
SELECT Company.CompanyName, Candidate.FullName ,
```

```
Candidate.CandidateId
FROM Company
INNER JOIN Candidate
ON Company.CompanyId= Candidate.CompanyId
WHERE Company.CompanyName = 'HP';
```

```
SELECT * FROM ALLDELL_EMP;
```

Update View

```
CREATE or REPLACE VIEW ALLDELL_EMP AS
SELECT Company.CompanyName, Candidate.FullName
FROM Company
INNER JOIN Candidate
ON Company.CompanyId= Candidate.CompanyId
WHERE Company.CompanyName = 'DELL';
```

```
SELECT * FROM ALLDELL_EMP;
```

Drop View

```
DROP VIEW ALLDELL_EMP;
```

```
SELECT * FROM ALLDELL_EMP;
```