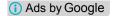


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## SQL Interview Questions on "SQL Table Scripts"

### 71. Write create table syntax for employee table

Oracle -CREATE TABLE EMPLOYEE (

EMPLOYEE ID NUMBER,

FIRST NAME VARCHAR2(20 BYTE),

LAST NAME VARCHAR2(20 BYTE),

SALARY FLOAT(126),

JOINING DATE TIMESTAMP (6) DEFAULT sysdate,

DEPARTMENT VARCHAR2(30 BYTE))

SQL Server -CREATE TABLE EMPLOYEE(

EMPLOYEE\_ID int NOT NULL,

FIRST NAME varchar(50) NULL,

LAST NAME varchar(50) NULL,

SALARY decimal(18, 0) NULL,

JOINING\_DATE datetime2(7) default getdate(),

DEPARTMENT varchar(50) NULL)

## 72. Write syntax to delete table employee



DROP table employee;

## 73. Write syntax to set EMPLOYEE\_ID as primary key in employee table



ALTER TABLE EMPLOYEE add CONSTRAINT EMPLOYEE PK PRIMARY KEY(EMPLOYEE\_ID)

74. Write syntax to set 2 fields(EMPLOYEE\_ID,FIRST\_NAME) as primary key in employee table

ALTER TABLE EMPLOYEE add CONSTRAINT EMPLOYEE PK PRIMARY KEY(EMPLOYEE ID, FIRST NAME)

75. Write syntax to drop primary key on employee table

Alter TABLE EMPLOYEE drop CONSTRAINT EMPLOYEE PK;

76. Write Sql Syntax to create EMPLOYEE\_REF\_ID in INCENTIVES table as foreign key with respect to EMPLOYEE\_ID in employee table

ALTER TABLE INCENTIVES ADD CONSTRAINT INCENTIVES FK FOREIGN KEY (EMPLOYEE\_REF\_ID) REFERENCES EMPLOYEE(EMPLOYEE\_ID)

77. Write SQL to drop foreign key on employee table

ALTER TABLE INCENTIVES drop CONSTRAINT INCENTIVES\_FK;

78. Write SQL to create Orcale Sequence

CREATE SEQUENCE EMPLOYEE ID SEQ START WITH 0 NOMAXVALUE MINVALUE 0 NOCYCLE NOCACHE NOORDER:

## 79. Write Sql syntax to create Oracle Trigger before insert of each row in employee table

```
CREATE OR REPLACE TRIGGER EMPLOYEE_ROW_ID_TRIGGER
BEFORE INSERT ON EMPLOYEE FOR EACH ROW
DECLARE
seq no number(12);
BEGIN
select EMPLOYEE ID SEQ.nextval into seq no from dual;
:new EMPLOYEE ID :=seq no;
END:
SHOW ERRORS;
```

#### 80. Oracle Procedure81. Oracle View

An example oracle view script is given below create view Employee Incentive as select FIRST NAME, max(INCENTIVE AMOUNT) INCENTIVE AMOUNT from EMPLOYEE a, INCENTIVES b where a.EMPLOYEE ID=b.EMPLOYEE REF ID group by FIRST NAME

## 82. Oracle materialized view - Daily Auto Refresh

CREATE MATERIALIZED VIEW Employee\_Incentive

REFRESH COMPLETE

START WITH SYSDATE

**NEXT SYSDATE + 1 AS** 

select FIRST NAME, INCENTIVE DATE, INCENTIVE AMOUNT from

EMPLOYEE a, INCENTIVES b

where a.EMPLOYEE\_ID=b.EMPLOYEE\_REF\_ID

### 83. Oracle materialized view - Fast Refresh on Commit

Create materialized view log for fast refresh. Following materialized view script wont get executed if materialized view log doesn't exists

CREATE MATERIALIZED VIEW MAT Employee Incentive Refresh

**BUILD IMMEDIATE** 

REFRESH FAST ON COMMIT AS

select FIRST\_NAME,max(INCENTIVE\_AMOUNT) from EMPLOYEE a,

INCENTIVES b

where a.EMPLOYEE ID=b.EMPLOYEE REF ID group by FIRST NAME

## 84. What is SQL Injection?

SQL Injection is one of the the techniques uses by hackers to hack a website by injecting SQL commands in data fields.

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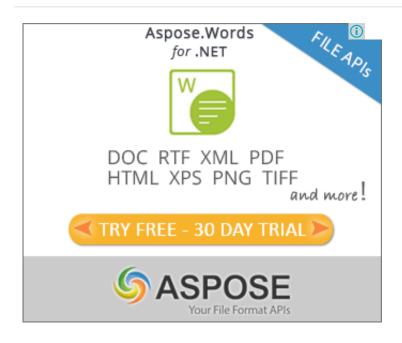
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