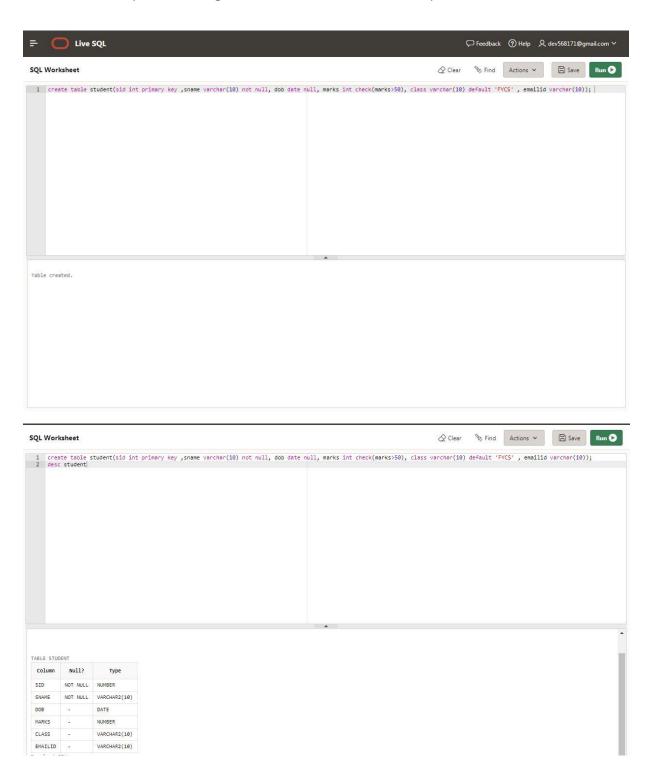
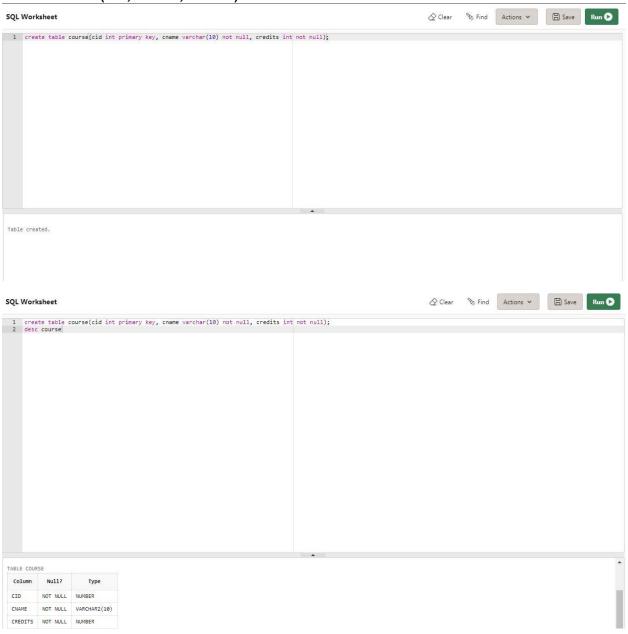
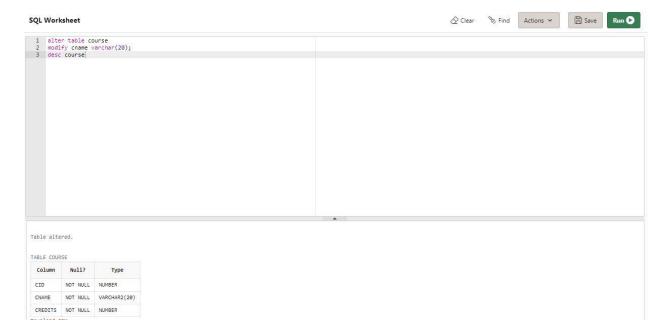
- A. Write the query for the following.
  - 1. Create the following table and include the necessary constraints NOT NULL, DEFAULT, CHECK, PRIMARY KEY, UNIQUE.
- a. Student (sld,sname,gender,dob,marks,class,email)



a. course(cid,cname,credits)

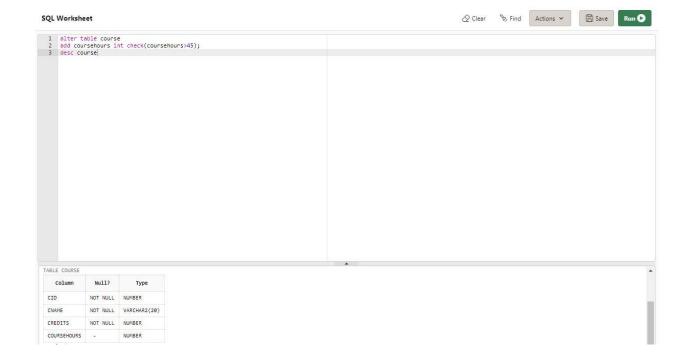


- 2) Alter the structure of the course table
- a. Modify data type of cname

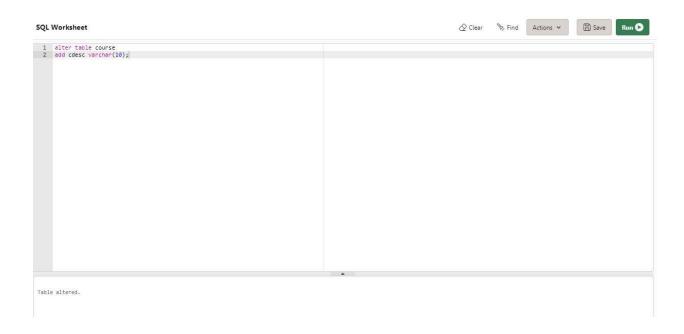


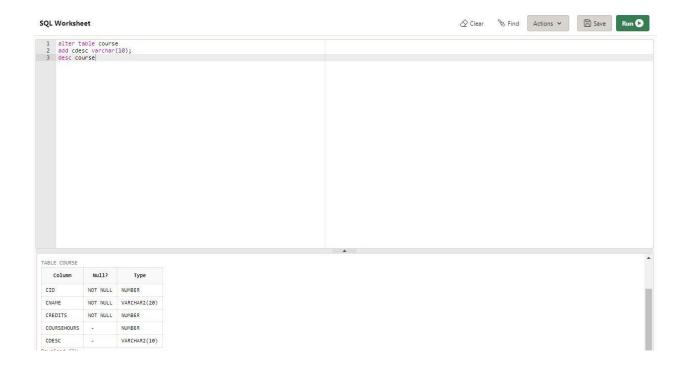
D) Add a column coursehours with minimum course hours greater than 45.





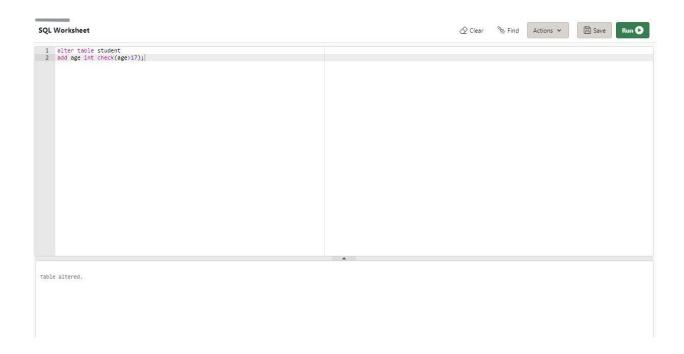
## E) Add a column cdesc

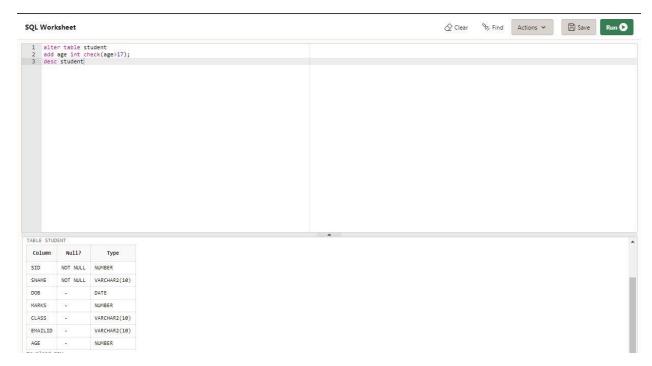




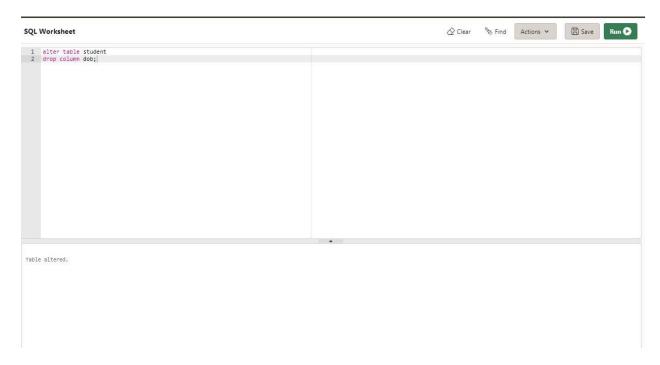
# 3) Alter the structure of the student table

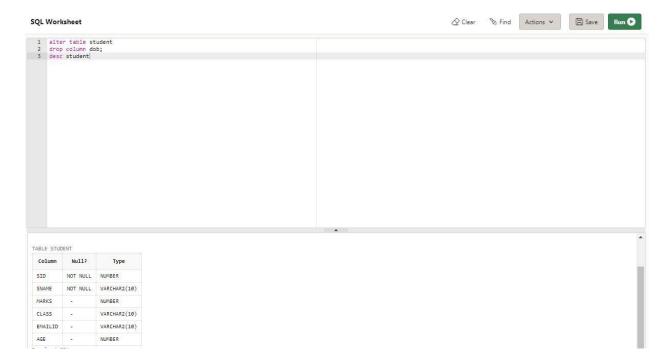
## F)Add column age with minimum age as 17



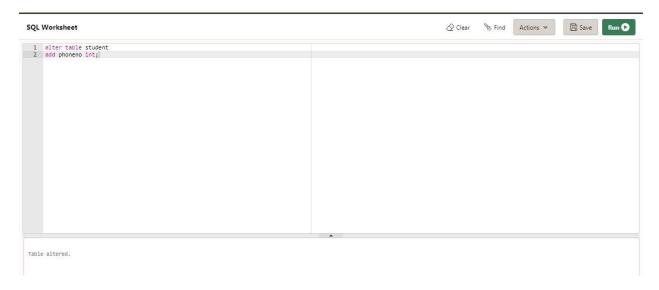


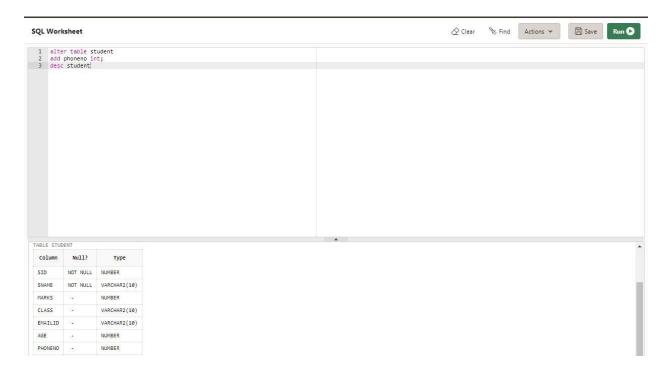
# G)Delete column dob



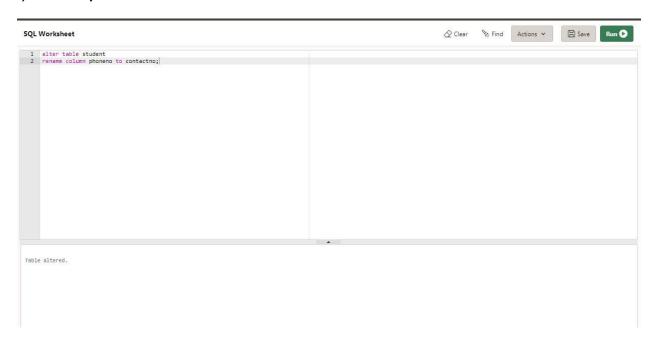


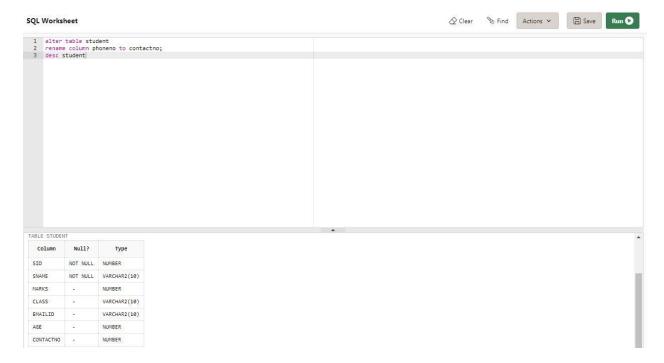
## H)Add a column phoneno





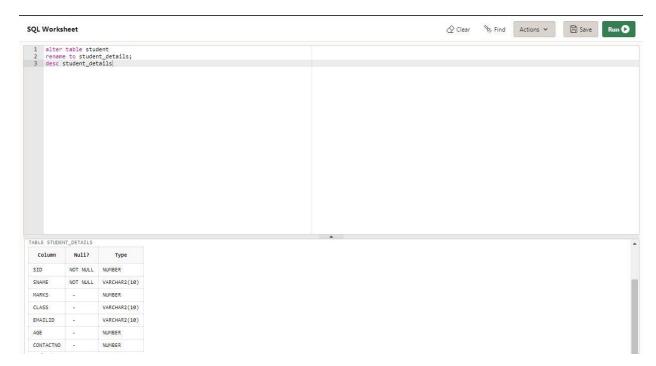
## I)Rename phoneno to contactno



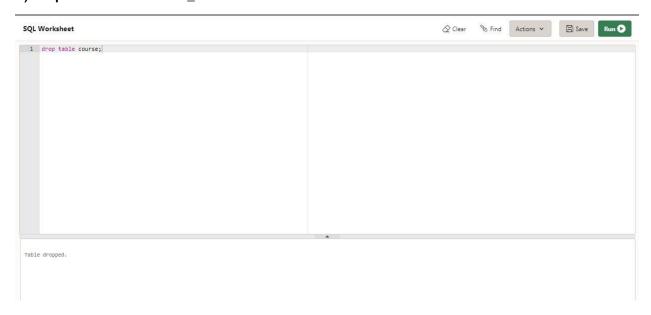


# 4)Rename student table as Student\_details

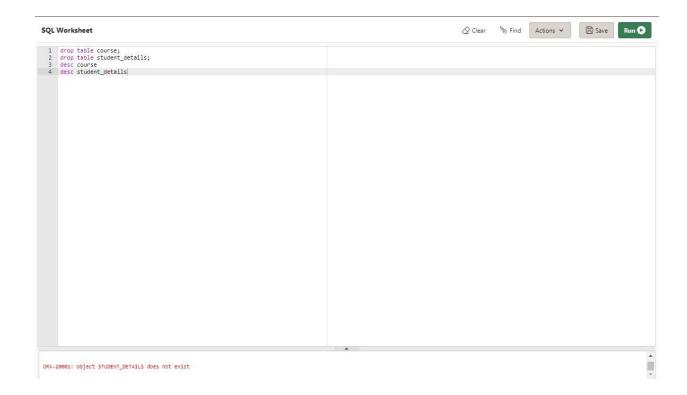




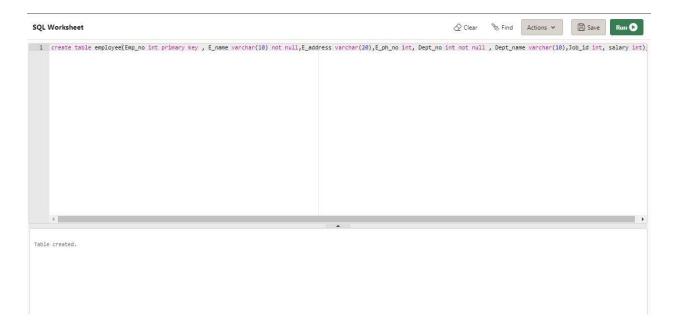
## 6)Drop the table student\_details and course.

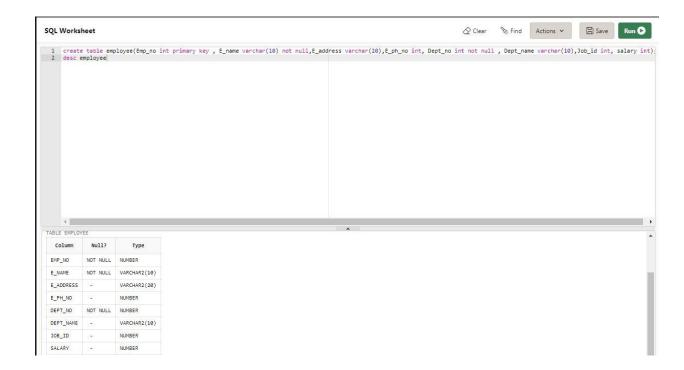




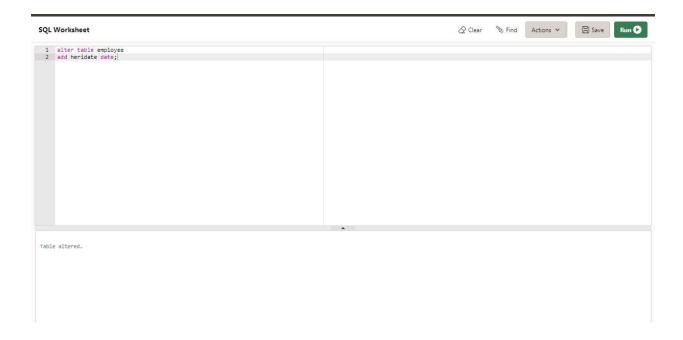


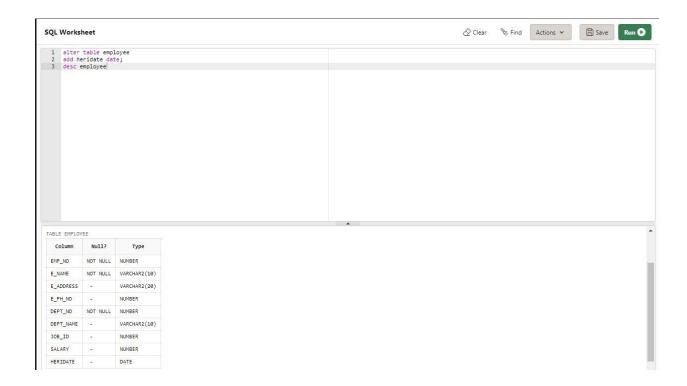
B) 1. Create a table EMPLOYEE with following attributes and specific data types and constraints required (Emp\_no, E\_name, E\_address, E\_ph\_no, Dept\_no, Dept\_name,Job\_id , Salary)





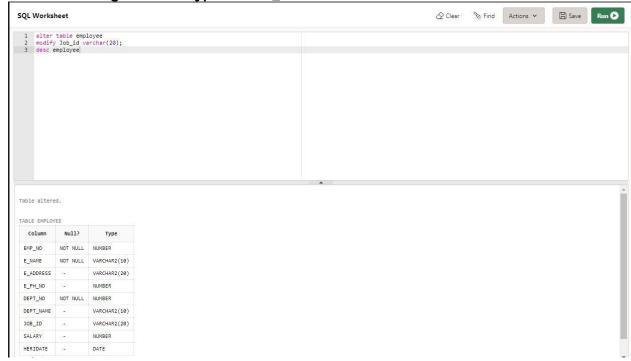
2. Add a new column HIREDATE to the existing relation.



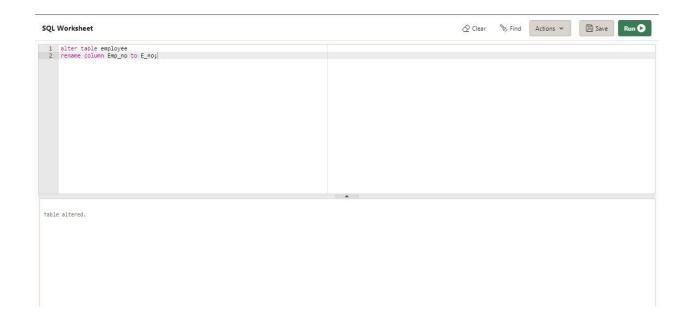


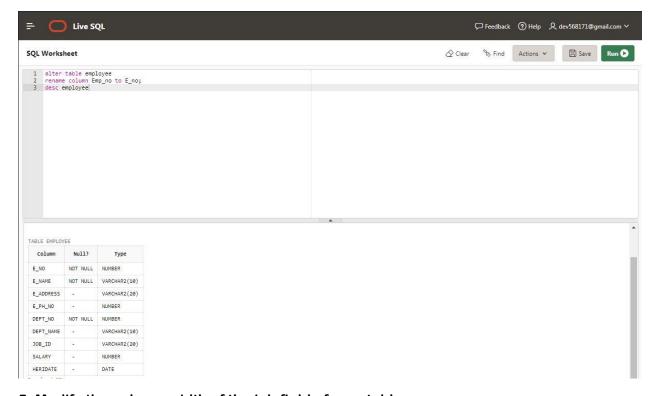
#### alter

3. Change the datatype of JOB\_ID from char to varchar2.

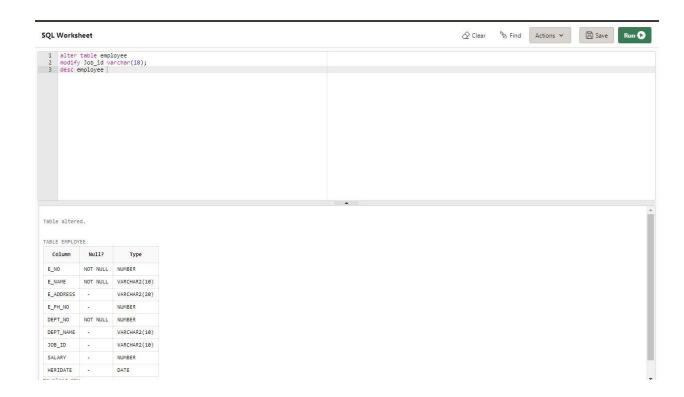


4) Change the name of column/field Emp\_no to E\_no.



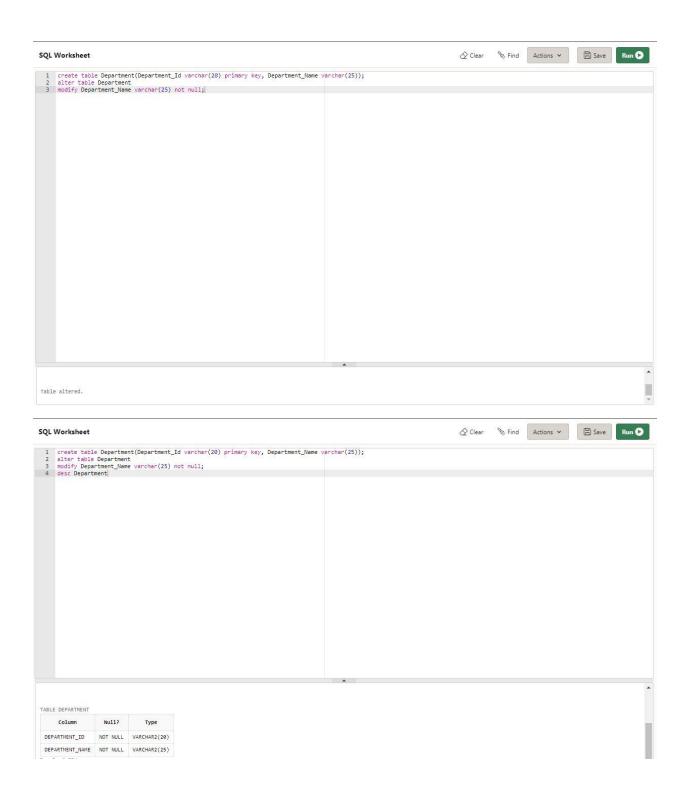


5. Modify the column width of the job field of emp table.

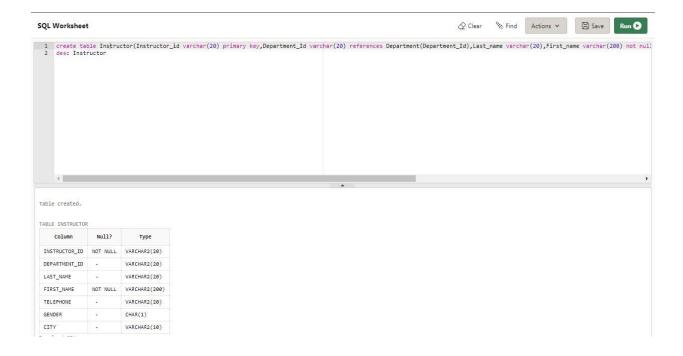


- C) Create the following tables with specified attributes and constraints
  - 1. Department Table: Department\_Id varchar2(20) primary key, Department\_Name varchar2(25) with required data





2)Instructor Table: Instructor\_id varchar2(20) primary key, Department\_Id varchar2(20) Foreign key, Last\_Name varchar2(25), First\_Name varchar2(200) must have value, Telephone varchar2(20) must be unique, gender char(1) must be either 'F' or 'M',city varchar(10) default value must be 'MUMBAI'.



### D) Create the following described below:

Table Name: EMP

Column	Data Type	Length	Precision	Scale	Primary Key	Nullable
EMPNO	Int	-		876	Yes	(*)
ENAME	Varchar2	10	-			No
JOB	Varchar2	9	+	(e)()	1341	/
MGR	Int	-	-	-	-	/
HIREDATE	Date	-	-		12	/
SAL	Number	-	7	2		/
COMM	Int	-	-		( -	/
DEPTNO	Int	-	+		-	/

## Table Name: DEPT

Column	Data Type	Length	Precision	Scale	Primary Key	Nullable
DEPTNO	Int				Yes	( <b>*</b> )
DNAME	Varchar2	14			(*)	No
LOC	Varchar2	13	-	-	-	_

