



PI /sql- Day1 - Assignment

1. Create a table with name depart for the following specification.

Field Name	column constraint	Type	size
DEPART_ID	primary key	NUMBER	4
DEPART_NAME	NOT NULL	VARCHAR2	30
MANAGER_ID	unique	NUMBER	6

2. Create a table with name employees for the following specification.

Field Name	column constraint	Type	size
EMP_ID	primary key	NUMBER	6
EMP_NAME		VARCHAR2	20
EMAIL		CHARACTER	25
PHONE_NUMBER		VARCHAR	10
DEPT_ID		NUMBER	4

- Using Alter command add a new column in employees table with name salary and with datatype and precision as Number(8,2)
- Using Alter command add a new table constraint in employees table with name for key for DEPT_ID column in employees table which refers the primary key of depart table (consider the usage of both foreign key and references constraints)
- Using Alter command drop the constraint in employees table with name for key and modify the column DEPT_ID with column constraint references for the primary key in depart table.
- Using Alter command drop the column in employees table with name EMAIL.
- After adding salary column (Q.3), add a column constraint to the EMPLOYEES table which restricts the addition of those employees who have salaries less than 10000.
- Using Alter command, rename table employees as empl;
- Create a new table with name depart1 as same as depart in structure.
- After creation, drop table depart1 using drop command.

Hint: In mysql,

Use datatype 'integer/int unsigned/ decimal' instead of Number datatype

Use datatype varchar instead of varchar2