Create a table EMPL with following structure.

ID   Name   Basic   Designation   Age

Column Description:

ID   Number(2)

Name   Varchar2 (10)

Basic   Number (6,2)

Design.   varchar (10)

Age   Number (2)

```
CREATE TABLE EMPL (
   ID INT,
  Name  varchar (10)
  Basic   Decimal (6,2)
  Designation  varchar (10)
   Age    INT
);
```

DESC EMPL;

Field	Type	Null	Key	Default
ID	int	Yes		NULL
Name	varchar (10)	Yes		NULL
Basic	decimal(6,2)	Yes		NULL
Designation	varchar (10)	Yes		NULL
Age	int	Yes		NULL

change the data type of the field Basic from float to integer with required size of the EMPL table.

- ALTER TABLE EMPL

Field	Type	NULL	KEY	Default
ID	int	Yes		NULL
Name	vauchar(10)	Yes		NULL
Basic	decimal (6,0)	Yes		NULL
Designation	vauchau(10)	Yes		NULL
Age	int	Yes		NULL

3. change the feild size of Name Column of the EMPl table from 10 to 15.

- ALTER TABLE EMPl
  MODIFY Name VARCHAR (15);
- DESC EMPl;

Field	Type	NULL	KEY	Default
ID	int	Yes		NULL
Name	vauchau(15)	Yes		NULL
Basic	decimal (6,0)	Yes		NULL
Designation	vauchau (10)	Yes		NULL
Age	int	Yes		NULL

4. Create another table EMP_trainee with the same (changed) structure. The column ID to be renamed as EMP_id in the EMP_trainee table.

- CREATE TABLE EMP_trainee (
    EMP_id INT,
    Name vauchau (15),
    Basic Decimal (6,0),
    Designation vauchau (10),
    Age INT
  );

- DESC EMP_trainee;

Field	Type	NULL	KEY	Default
ID	int	Yes		NULL
Name	vauchar (15)	Yes		NULL
Basic	decimal (6, 2)	Yes		NULL
Designation	vauchar (10)	Yes		NULL
Age	int	Yes		NULL

Insert following data in EMPl table :

(1, Rohit , 6700 , Manager , 24)

(2, Sunil , 6200 , Engineer , 27)

(3, Payel , 6300 , Engineer , 25)

(4, Kunal , 6700 , Trainee , 28)

(5, Sunita , 6230 , Trainee , 26)

(6, Bimal , 7000 , Trainee , 25)

- INSERT INTO EMPl

  (ID, Name, Basic , Designation , Age)

  VALUES

  (1, "Rohit", 6700 , "Manager", 24),

  (2, "Sunil", 6200 , "Engineer", 27),

  (3, "Payel", 6300 , "Engineer", 25),

  (4, "Kunal", 6700 , "Trainee", 28),

  (5, "Sunita", 6230 , "Trainee", 26),

  (6, "Bimal", 7000, "Trainee", 25);

- SELECT * FROM EMPl ;

ID	Name	Basic	Designation	Age
1	Rohit	6700	Manager	24
2	Sunil	6200	Engineer	27
3	Payel	6300	Engineer	25
4	Kunal	6700	Trainee	28
5	Sunita	6230	Trainee	26
6	Bimal	7000	Trainee	25

6. Insert all rows with the designation 'trainee' from the EMPl table to EMP-trainee table.

- INSERT INTO EMP_trainee (EMP-id, Name, Basic, Designation, Age)
  SELECT ID, Name, Basic, Designation, Age
  FROM EMPl
  WHERE Designation = "trainee";

- SELECT * FROM EMP_trainee;

EMP-id	Name	Basic	Designation	Age
4	Kunal	6700	Trainee	28
5	Sunita	6230	Trainee	26
6	Bimal	7000	Trainee	25

7. Add columns skills (data type -varchar2 and size-10) and DOJ (data type-date) to the EMPl table and add data for the skills and DOJ columns according to your own wish.

- ALTER TABLE EMPl
  Add (Skills VARCHAR (10), DOJ DATE);

- UPDATE EMPl
  SET Skills = "SQL", DOJ = '2022-01-10'
  WHERE ID = 1;

- UPDATE EMPl
  SET Skills = "Java", DOJ = "2022-02-15"
  WHERE ID = 2;

- UPDATE EMPl
  SET Skills = "C++", DOJ = "2022-03-05"
  WHERE ID = 3;

- UPDATE EMPl
  SET Skills = "Python", DOJ = "2022-04-20"
  WHERE ID = 4;

- UPDATE EMPl
  SET Skills = "Oracle", DOJ = "2022-05-12"
  WHERE ID = 5;

- UPDATE EMPL
  SET Skills = "PHP", DOJ = "2022-06-01"
  WHERE ID = 6;

- SELECT * FROM EMPL;

ID	Name	Basic	Designation	Age	Skills	DOJ
1	Rohit	6700	Manager	24	SQL	2022-01-10
2	Sunil	6200	Engineer	27	Java	2022-02-15
3	Payel	6300	Engineer	25	C++	2022-03-05
4	Kunal	6700	Trainee	28	Python	2022-04-20
5	Sunita	6230	Trainee	26	Oracle	2022-05-12
6	Bimal	7000	Trainee	25	PHP	2022-06-01

8. Update more than one slow in one query in ENPI table.
- UPDATE EMPL
  SET Basic = CASE
      WHEN Designation = "Engineer" ~~THEN~~ THEN Basic + 500
      WHEN Designation = "Trainee" THEN Basic + 300
      END
      WHERE Designation IN ("Engineer", "Trainee");
- SELECT * FROM EMPL;

ID	Name	Basic	Designation	Age	Skills	DOJ
1	Rohit	6700	Manager	24	SQL	2022-01-10
2	Sunil	6700	Engineer	27	Java	2022-02-15
3	Payel	6800	Engineer	25	C++	2022-03-05
4	Kunal	7000	Trainee	28	Python	2022-04-20
5	Sunita	6530	Trainee	26	Oracle	2022-05-12
6	Bimal	7300	Trainee	25	PHP	2022-06-01

9. Rename the column Age-in-year Of EMPL table to Age-in-years.
- ALTER TABLE EMPL
  RENAME COLUMN Age to Age-in-years;

ID	Name	Basic	Designation	Age-in-years	Skills	DOJ
1	Rohit	6700	Manager	24	SQL	2022-01-10
2	Sunil	6700	Engineer	27	Java	2022-02-15
3	Payel	6800	Engineer	25	C++	2022-03-05
4	kunal	7000	Trainee	28	Python	2022-04-20
5	Sunila	6530	Trainee	26	Oracle	2022-05-12
6	Bimal	7300	Trainee	25	PHP	2022-06-01

Drop the Age column from the EMP-trainee table.
- ALTER TABLE EMP-trainee
  DROP COLUMN Age ;
- SELECT * FROM EMP-trainee;

EMP_id	Name	Basic	Designation
4	Kunal	6700	Trainee
5	Sunita	6230	Trainee
6	Bimal	7000	Trainee

Rename the table EMP to EMP-Mgr-Engr.
- CREATE TABLE EMP AS
  SELECT *
  FROM EMP1
  WHERE Designation IN ("Manager", "Engineer");

ID	Name	Basic	Designation	Age-in-years	skills	DOJ
1	Rohit	6700	Manager	24	SQL	2022-01-10
2	Sunil	6700	Engineer	27	Java	2022-02-15
3	Payel	6800	Engineer	25	C++	2022-03-05

- ALTER TABLE EMP RENAME TO EMP-Mgr-Engr;

Truncate EMP-Mgr-Engr Table.
- TRUNCATE TABLE EMP-Mgr-Engr ;
- SELECT * FROM EMP-Mgr-Engr

ID	Name	Basic	Designation	Age-in-years	skills	DOJ