69. VIVEK MANOJKUMAR NAIR CSE-B

**Q. Create a table student with the following fields: sid, sname, dept, mark1, mark2. Insert values to the table.**

**Ans:**

SQL> create table student (sid INT, sname VARCHAR(30), dept VARCHAR(20), mark1 INT, mark2 INT);

Table created.

SQL> desc student;

Name Null? Type

----------------------------------------- -------- ----------------------------

SID NUMBER(38)

SNAME VARCHAR2(30)

DEPT VARCHAR2(20)

MARK1 NUMBER(38)

MARK2 NUMBER(38)

**a.) Add grade column to the student.**

**Ans:**

SQL> alter table student add grade int;

Table altered.

**b.) Describe student table.**

**Ans:**

SQL> desc student

Name Null? Type

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SID NUMBER(38)

SNAME CHAR(10)

DEPT VARCHAR2(20)

MARK1 NUMBER(38)

MARK2 NUMBER(38)

GRADE NUMBER(38)

**c.) Rename grade column to CGPA.**

**Ans:**

SQL> alter table student rename column grade to cgpa;

Table altered.

SQL> desc student

Name Null? Type

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SID NUMBER(38)

SNAME CHAR(10)

DEPT VARCHAR2(20)

MARK1 NUMBER(38)

MARK2 NUMBER(38)

CGPA NUMBER(38)

**d.) Modify datatype of sname of student table from varchar to char.**

**Ans:**

SQL> alter table student modify sname char(10);

Table altered.

SQL> desc student

Name Null? Type

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SID NUMBER(38)

SNAME CHAR(10)

DEPT VARCHAR2(20)

MARK1 NUMBER(38)

CGPA NUMBER(38)

**e.) Drop column mark2 from student table.**

**Ans:**

SQL> alter table student drop column mark2;

Table altered.

SQL> desc student

Name Null? Type

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SID NUMBER(38)

SNAME CHAR(10)

DEPT VARCHAR2(20)

MARK1 NUMBER(38)

CGPA NUMBER(38)

**f.) Rename student table to student details.**

**Ans:**

SQL> rename student to student\_details;

Table renamed.

SQL> desc student\_details;

Name Null? Type

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SID NUMBER(38)

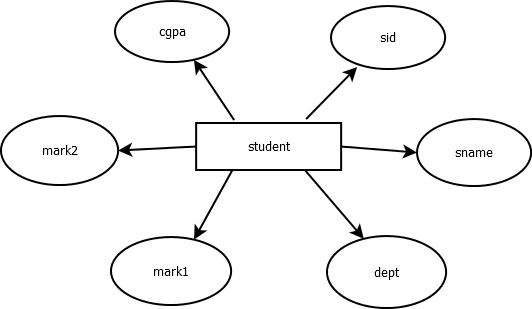
SNAME CHAR(10)

DEPT VARCHAR2(20)

MARK1 NUMBER(38)

CGPA NUMBER(38)

**ER DIAGRAM:**

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