

student info

1st question

queries.sql

```
1
2 -- create
3 CREATE TABLE student (
4     stuid INTEGER PRIMARY KEY,
5     stuname TEXT NOT NULL,
6     stugender TEXT NOT NULL,
7     stumarks INTEGER NOT NULL
8 );
9
10 -- insert
11 INSERT INTO student VALUES (0001, 'Charmi', 'female', 50);
12 INSERT INTO student VALUES (0002, 'David', 'male', 100);
13 INSERT INTO student VALUES (0003, 'Charan', 'male', 80);
14 INSERT INTO student VALUES (0004, 'Navya', 'female', 90);
15 INSERT INTO student VALUES (0005, 'SWATHI', 'FEMALE', 80);
16
17 -- fetch
18 SELECT * FROM student;
19
```

NEW

MYSQL v

RUN

STDIN

Input for the program (Optional)

Output:

	stuid	stuname	stugender
1	1	Charmi	female 50
2	2	David	male 100
3	3	Charan	male 80
4	4	Navya	female 90
5	5	SWATHI	FEMALE 80

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queries.sql

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Employees info

2) a

```
1  -- create
2
3  CREATE TABLE EMPLOYEE (
4      empId INTEGER PRIMARY KEY,
5      empname TEXT NOT NULL,
6      empsal INTEGER NOT NULL,
7      empdesignation TEXT NOT NULL
8  );
9
```

```
10 -- insert
11 INSERT INTO EMPLOYEE VALUES (0001, 'CHARAN', 50000, 'FIRST POSITION');
12 INSERT INTO EMPLOYEE VALUES (0002, 'David', 40000, 'SECOND POS');
13 INSERT INTO EMPLOYEE VALUES (0003, 'Avi', 30000, 'THIRD POS');
14 INSERT INTO EMPLOYEE VALUES (0004, 'swathi', 20000, 'fouth pos');
15 INSERT INTO EMPLOYEE VALUES (0005, 'Kala', 10000, 'fifth pos');
16
17 -- fetch
18 SELECT * FROM EMPLOYEE ;
19
```

NEW

MYSQL

RUN

STDIN

ctrl + enter

Input for the program (Optional)

Output:

empId	empname	empsal	empdesignation
1	CHARAN	50000	FIRST POSITION
2	David	40000	SECOND POS
3	Avi	30000	THIRD POS
4	swathi	20000	fouth pos
5	Kala	10000	fifth pos

MySQL online editor

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queries.sql

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NEW

MYSQL

RUN

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payroll system

2) b

```
1  -- create
2  CREATE TABLE payroll (
3      empId INTEGER PRIMARY KEY,
4      empname TEXT NOT NULL,
5      bpay INTEGER NOT NULL,
6      da INTEGER NOT NULL,
7      Cca INTEGER NOT NULL,
8      Tax INTEGER NOT NULL,
9      Grosssal INTEGER NOT NULL
10 );
11
12 -- insert
13 INSERT INTO payroll VALUES (0001, 'SWATHI', 50000, 1000, 500, 500, 51000);
14 INSERT INTO payroll VALUES (0002, 'CHARAN', 40000, 5000, 2000, 4000, 402000);
15 INSERT INTO payroll VALUES (0003, 'AVI', 20000, 500, 200, 100, 20600);
16 INSERT INTO payroll VALUES (0004, 'HEMA', 38000, 600, 200, 200, 20600);
17 INSERT INTO payroll VALUES (0005, 'KALA', 15000, 500, 200, 100, 15600);
18
19 -- fetch
20 SELECT * FROM payroll;
```


STDIN
Input for the program (Optional)

Output:

empId	empname	bpay	da	Cca	Tax	Grc
0001	SWATHI	50000	1000	500	500	51000
0002	CHARAN	40000	5000	2000	4000	402000
0003	AVI	20000	500	200	100	20600
0004	HEMA	38000	600	200	200	20600
0005	KALA	15000	500	200	100	15600

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queries.sql

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banking sector

3) a

```
1
2  -- create
3  CREATE TABLE BANKSECTOR (
4      cusid INTEGER PRIMARY KEY,
5      cusname TEXT NOT NULL,
6      acc_no INTEGER NOT NULL,
7      balance INTEGER NOT NULL
8  );
9
10 -- insert
11 INSERT INTO BANKSECTOR VALUES (0001, 'CHARAN', 1234, 40000);
12 INSERT INTO BANKSECTOR VALUES (0002, 'DAVID', 3456, 50000);
13 INSERT INTO BANKSECTOR VALUES (0003, 'AVI', 5678, 60000);
14 INSERT INTO BANKSECTOR VALUES (0004, 'SWATHI', 7890, 70000);
15 INSERT INTO BANKSECTOR VALUES (0005, 'KALA', 4567, 5000);
16
17 -- fetch
18 SELECT * FROM BANKSECTOR;
19
```

NEW

MYSQL

Run

STDIN

ctrl + enter

Input for the program (Optional)

Output:

	cusid	cusname	acc_no	balance
1	CHARAN	1234	40000	
2	DAVID	3456	50000	
3	AVI	5678	60000	
4	SWATHI	7890	70000	
5	KALA	4567	5000	

MySQL online editor



queries.sql

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banking sector update data

3) b

```
1  -- create
2
3  CREATE TABLE BANKSECTOR (
4      cusid INTEGER PRIMARY KEY,
5      cusname TEXT NOT NULL,
6      acc_no INTEGER NOT NULL,
7      balance INTEGER NOT NULL
8  );
9
10 ALTER TABLE BANKSECTOR ADD NE_OLD_CUS TEXT;
11
12 UPDATE BANKSECTOR SET NE_OLD_CUS='NEW' WHERE balance>50000;
13
14 -- insert
15
16 INSERT INTO BANKSECTOR VALUES (0001, 'CHARAN', 1234, 40000, 'old');
17 INSERT INTO BANKSECTOR VALUES (0002, 'DAVID', 3456, 50000, 'new');
18 INSERT INTO BANKSECTOR VALUES (0003, 'AVI', 5678, 60000, 'new');
19 INSERT INTO BANKSECTOR VALUES (0004, 'SWATHI', 7890, 70000, 'new');
20 INSERT INTO BANKSECTOR VALUES (0005, 'KALA', 4567, 5000, 'old');
21
22 -- fetch
23
24 SELECT * FROM BANKSECTOR;
```

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MYSQL

RUN

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STDIN

ctrl + enter

Input for the program (Optional)

Output:

	cusid	cusname	acc_no	balance	NE_OLD_CUS
1	CHARAN	1234	40000	old	
2	DAVID	3456	50000	new	
3	AVI	5678	60000	new	
4	SWATHI	7890	70000	new	
5	KALA	4567	5000	old	

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