HUAWEI INTERNSHIP PHASE 1 ASSIGNMENT DATABASE SQL

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A query to create a table STUDENT in the data base

SQL 1

```
1  CREATE TABLE STUDENTS(NAME TEXT, AGE INT, MOBNO INT, REGNO INT, YEAR INT); -- CREATES A TABLE STUDENT FOR THE DATABASE
```

A query to create a table TEACHERS in the data base

SQL 1

```
1  CREATE TABLE TEACHERS(NAME TEXT,DOMAIN TEXT ,DEPARTMENT TEXT); -- CREATES TABLE TEACHERS FOR THE DATA BASE
```

A query to insert 10 different records into the table STUDENTS

SQL 1

```
1  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("ASHWATH", 19,8098339571, 711720243009, 2020);
2  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("GOWTHAM", 20,8056339571, 711720243119, 2021);
3  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("HARISHH", 24,9898339571, 711720113009, 2022);
4  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("KRISHH", 21,8036339571, 711720043009, 2024);
5  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("VIKRANTH", 22,8051339571, 712220243009, 2021);
6  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("JHON", 25,9798339571, 711720443009, 2019);
7  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("ADAM", 19,8098330071, 711990243009, 2016);
8  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("VICTOR", 23,8008339571, 711720246609, 2017);
9  INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("BEN", 21,8908339571, 711720243077, 2020);
10 INSERT INTO STUDENTS(NAME , AGE, MOBNO, REGNO, YEAR) VALUES("ANDREW", 20,8098330071, 799720243009, 2014);
```

Table after inserting the 10 different records

	NAME	AGE	MOBNO	REGNO	YEAR
1	ASHWATH	19	8098339571	711720243009	2020
2	GOWTHAM	20	8056339571	711720243119	2021
3	HARISHH	24	9898339571	711720113009	2022
4	KRISHH	21	8036339571	711720043009	2024
5	VIKRANTH	22	8051339571	712220243009	2021
6	JHON	25	9798339571	711720443009	2019
7	ADAM	19	8098330071	711990243009	2016
8	VICTOR	23	8008339571	711720246609	2017
9	BEN	21	8908339571	711720243077	2020
10	ANDREW	20	8098330071	799720243009	2014

```
Execution finished without errors.
Result: 10 rows returned in 6ms
At line 1:
SELECT * FROM STUDENTS;
```

A query to insert 10 different records into the table Teachers

SQL 1

```
1   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("SEETHA","PYTHON","CS");
2   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("VEENA","PHYSICS","SCI");
3   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("RAJAN","CHEMISTRY","SCI");
4   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("VIMAL","JAVA","CS");
5   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("RAM","LITRETURE","ENG");
6   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("VINOTH","BIOLOGY","SCI");
7   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("KRIS","C++","CS");
8   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("DEV","CALCULUS","MATHS");
9   INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("DAVID","POETRY","ENG");
10  INSERT INTO TEACHERS (NAME , DOMAIN, DEPARTMENT) VALUES ("SURESH","TRIGONOMETRY","MATHS");
```

Table after inserting the 10 different records

	NAME	DOMAIN	DEPARTMENT
1	SEETHA	PYTHON	CS
2	VEENA	PHYSICS	SCI
3	RAJAN	CHEMISTRY	SCI
4	VIAML	JAVA	CS
5	RAM	LITRETURE	ENG
6	VINOTH	BIOLOGY	SCI
7	KRIS	C++	CS
8	DEV	CALCULUS	MATHS
9	DAVID	POETRY	ENG
10	SURESH	TRIGONOMETRY	MATHS

```
Execution finished without errors.
Result: 10 rows returned in 4ms
At line 1:
SELECT * FROM TEACHERS;
```

Displaying all the students from STUDENTS where batch is 2020

SQL 1

```
1  SELECT * FROM STUDENTS WHERE YEAR = 2020;
2  -- FETCHING THE DATA FROM TABLE STUDENT WHERE BATCH IS 2020
```

	NAME	AGE	MOBNO	REGNO	YEAR
1	ASHWATH	19	8098339571	711720243009	2020
2	BEN	21	8908339571	711720243077	2020

Displaying all the students from STUDENTS where batch is 2020

SQL 1

```
1  SELECT NAME FROM STUDENTS WHERE YEAR = 2020;
2  -- FETCHING THE DATA FROM TABLE STUDENT WHERE BATCH IS 2020
```

	NAME
1	ASHWATH
2	BEN

Displaying all the teachers from TEACHERS where department is cs

SQL 1

```
1  SELECT * FROM TEACHERS WHERE DEPARTMENT = "CS";
2  -- FETCHING THE DATA FROM TABLE TEACHERS WHERE DEPARTMENT IS CS
```

	NAME	DOMAIN	DEPARTMENT
1	SEETHA	PYTHON	CS
2	VIAML	JAVA	CS
3	KRIS	C++	CS

Displaying all the teachers from TEACHERS where department is cs

SQL 1

```
1  SELECT NAME FROM TEACHERS WHERE DEPARTMENT = "CS";
2  -- FETCHING THE DATA FROM TABLE TEACHERS WHERE DEPARTMENT IS CS
```

	NAME
1	SEETHA
2	VIAML
3	KRIS

Editing three records from the table STUDENT

SQL 1

```
1   UPDATE STUDENTS SET YEAR = "2012" WHERE AGE = 25;
2   UPDATE STUDENTS SET NAME = "RAGHAV" WHERE AGE = 24;
3   UPDATE STUDENTS SET REGNO = 7117520545059 WHERE NAME = "ADAM";
4   SELECT * FROM STUDENTS;
```

	NAME	AGE	MOBNO	REGNO	YEAR
1	ASHWATH	19	8098339571	711720243009	2020
2	GOWTHAM	20	8056339571	711720243119	2021
3	RAGHAV	24	9898339571	711720113009	2022
4	KRISHH	21	8036339571	711720043009	2024
5	VIKRANTH	22	8051339571	712220243009	2021
6	JHON	25	9798339571	711720443009	2012
7	ADAM	19	8098330071	7117520545059	2016
8	VICTOR	23	8008339571	711720246609	2017
9	BEN	21	8908339571	711720243077	2020
10	ANDREW	20	8098330071	799720243009	2014

```
Execution finished without errors.
Result: 10 rows returned in 9ms
At line 1:
--UPDATE STUDENTS SET YEAR = "2012" WHERE AGE = 25;
--UPDATE STUDENTS SET NAME = "RAGHAV" WHERE AGE = 24;
--UPDATE STUDENTS SET REGNO = 7117520545059 WHERE NAME = "ADAM";
SELECT * FROM STUDENTS;
```

Deleting two records from the table TEACHERS

SQL 1

```
1   DELETE FROM TEACHERS WHERE DEPARTMENT = "ENG";
2   SELECT * FROM TEACHERS;
```

	NAME	DOMAIN	DEPARTMENT
1	SEETHA	PYTHON	CS
2	VEENA	PHYSICS	SCI
3	RAJAN	CHEMISTRY	SCI
4	VIAML	JAVA	CS
5	VINOTH	BIOLOGY	SCI
6	KRIS	C++	CS
7	DEV	CALCULUS	MATHS
8	SURESH	TRIGONOMETRY	MATHS

```
Execution finished without errors.
Result: 8 rows returned in 5ms
At line 2:
SELECT * FROM TEACHERS;
```