

BASIC SQL COMMANDS

1. To Create A Table

```
CREATE TABLE my_music  
( MUSICID NUMBER(2) NOT NULL,  
  ARTIST_NAME VARCHAR2(20),  
  TYPE VARCHAR2(13),  
  CONSTRAINT MY_MUSIC_PRIMARY_KEY PRIMARY KEY (MUSICID));
```

2. To Insert New Rows Into A Table

```
INSERT INTO my_music VALUES (1, 'BOB MARLEY', 'REGGAE');  
INSERT INTO my_music VALUES (2, 'BRITNEY SPEARS', 'POP');  
INSERT INTO my_music VALUES (3, 'NSYNC', 'POP');  
INSERT INTO my_music VALUES (4, 'SHAGGY', 'REGGAE');  
INSERT INTO my_music VALUES (5, 'JIMMY CLIFF', 'REGGAE');  
INSERT INTO my_music VALUES (6, 'KID ROCK', 'ROCK');  
INSERT INTO my_music VALUES (7, 'THIRD WORLD', 'REGGAE');  
INSERT INTO my_music VALUES (8, 'LENNY KRAVITZ', 'ROCK');  
INSERT INTO my_music VALUES (9, 'YELLOW MAN', 'REGGAE');
```

3. To Delete a Row From A Table

```
DELETE from my_music  
WHERE artist_name='BOB MARLEY';
```

```
DELETE from my_music  
WHERE musicid=2;
```

note: numbers do not require single quotes

4. To Add A New Column To A Table

```
ALTER TABLE my_music  
ADD (artist_date_of_birth date);
```

5. To Delete A Column From A Table

```
ALTER TABLE my_music  
DROP COLUMN artist_date_of_birth;
```

6. To Retrieve Data;

```
SELECT *  
FROM my_music;
```

```
SELECT artist_name  
FROM my_music  
WHERE artist_name = 'KID ROCK'
```

```
SELECT musicid  
FROM my_music  
WHERE musicid > 5;
```

```
SELECT artist_name  
FROM my_music  
WHERE type = 'POP' or type='ROCK';
```

7. To Delete A Table

```
DROP TABLE my_music;
```