**Create a Table**

In this project, you will create your own friends table and add/delete data from it!

The instructions provided are a general guideline. Feel free to add more columns, insert more data, and create more tables.

If you get stuck during this project or would like to see an experienced developer work through it, click “**Get Help**“ to see a **project walkthrough video**.

**Tasks**

**0/9Complete**

Mark the tasks as complete by checking them off

**1.**

Create a table named friends with three columns:

* id that stores INTEGER
* name that stores TEXT
* birthday that stores DATE

Hint

The CREATE TABLE statement is used to create a new table in the database:

CREATE TABLE table\_name (

column1 DATA\_TYPE,

column2 DATA\_TYPE,

column3 DATA\_TYPE

);

Don’t forget the ; at the end!

Your code should look something like:

CREATE TABLE friends (

id INTEGER,

name TEXT,

birthday DATE

);

**2.**

Beneath your current code, add Jane Doe to friends.

Her birthday is May 30th, 1990.

Stuck? Get a hint

**3.**

Let’s make sure that Jane has been added to the database:

SELECT \*

FROM friends;

Check for two things:

* Is friends table created?
* Is Jane Doe added to it?

Hint

* SELECT \* indicates that we want to select all columns.
* FROM friends indicates the table we are interested in.
* ; ends a SQL command.

The result should have three columns (id, name, birthday) and one row.

**4.**

Let’s move on!

Add two of your friends to the table.

Insert an id, name, and birthday for each of them.

Hint

Your code should look something like:

INSERT INTO friends (id, name, birthday)

VALUES (2, 'BFF One', 'YYYY-MM-DD');

INSERT INTO friends (id, name, birthday)

VALUES (3, 'BFF Two', 'YYYY-MM-DD');

**5.**

Jane Doe just got married! Her new last name is “Smith”.

Update her record in friends.

Hint

The UPDATE statement is used to modify the existing records in a table:

UPDATE table\_name

SET column1 = value1

WHERE condition;

Your code should look something like:

UPDATE friends

SET name = 'Jane Smith'

WHERE id = 1;

**6.**

Add a new column named email.

Hint

The ALTER TABLE statement is used to add, delete, or modify columns in an existing table:

ALTER TABLE table\_name

ADD COLUMN column DATA\_TYPE;

Your code should look something like:

ALTER TABLE friends

ADD COLUMN email TEXT;

**7.**

Update the email address for everyone in your table.

Jane Smith’s email is jane@codecademy.com.

Hint

To update Jane’s email:

UPDATE friends

SET email = 'jane@codecademy.com'

WHERE id = 1;

And do the same for both of your friends.

**8.**

Wait, Jane Smith is not a real person.

Remove her from friends.

Hint

DELETE FROM friends

WHERE id = 1;

:(

**9.**

Great job! Let’s take a look at the result one last time:

SELECT \*

FROM friends;

Hint

The result should have four columns (id, name, birthday, email) and two rows.

If you are feeling ambitious, try adding a phone column, an instagram column, and more of your buddies to the table!