

We need to create a database containing our grocery list

Grocery list

- Bananas - 4
- Peanut Butter - 1
- Dark Chocolate bars -2

We use " Create table --name of the table--" ( name of column data- type)

```
8 CREATE TABLE groceries (name TEXT, quantity INTEGER );  
9 |
```

this show that the table has 2 columns

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## DATABASE SCHEMA

groceries		0 rows
name	TEXT	
quantity	INTEGER	

We need to create an id for each column to differentiate each record - we can do this by using the id and assigning it as the primary key

```
8 CREATE TABLE groceries (id INTEGER PRIMARY KEY, name TEXT, quantity  
INTEGER );
```

now we have 3 columns id, name, quantity

## DATABASE SCHEMA

<u>groceries</u> 0 rows	
id (PK)	INTEGER
name	TEXT
quantity	INTEGER

We can start to insert records into the table by using  
"Insert into ' name of table' values (id, name, quantity)"

```
INSERT INTO groceries VALUES (1, "Bananas", 4);  
INSERT INTO groceries VALUES (2, "Peanut Butter", 1);  
INSERT INTO groceries VALUES (3, "Dark chocolate bars", 2);
```

id	name	quantity
1	Bananas	4
2	Peanut Butter	1
3	Dark chocolate bars	2