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VIP



## Read data from a single column #AZ9

Pending

Complete previous stages to gain access to this stage.



Instructions

[Code Examples](#)[Forum](#)

### Your Task

Pending

HARD

Now that you're comfortable with jumping across database pages, let's dig a little deeper and read data from rows in a table.

Here's how the tester will execute your program:

```
$ ./your_sqlite3.sh sample.db "SELECT name FROM apples"
```

and here's the output it expects:

```
Granny Smith
Fuji
Honeycrisp
Golden Delicious
```

The order of rows returned doesn't matter.

Rows are stored on disk in the [Record Format](#), which is just an ordered sequence of values. To extract data for a single column, you'll need to know the order of that column in the sequence. You'll need to parse the table's `CREATE TABLE` statement to do this. The `CREATE TABLE` statement is stored in the [sqlite\\_schema](#) table's `sql` column.

Not interested in implementing a SQL parser from scratch? The [nom](#), [peg](#) at

Ready to run tests...

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