

[< back](#) [next >](#)

VIP



## Count rows in a table #ND9 Pending

Complete previous stages to gain access to this stage.

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

### Your Task Pending

MEDIUM

Now that you've gotten your feet wet with the [SQLite database file format](#), it's time to move on to actual SQL!

In this stage, your program will need to read the count of rows from a table.

Here's how the tester will execute your program:

```
$ ./your_sqlite3.sh sample.db "SELECT COUNT(*) FROM apples"
```

and here's the output it expects:

```
4
```

You'll need to read the table's row from the [sqlite\\_schema](#) table and follow the `rootpage` value to visit the page corresponding to the table. For now you can assume that the contents of the table are small enough to fit inside the root page. We'll deal with tables that span multiple pages in stage 7.

Remember: You don't need to implement a full-blown SQL parser just yet. We'll get to that in the next stages. For now you can just split the input by " " and pick the last item to get the table name.

[View Code Examples](#)

Ready to run tests...

[Show logs](#)