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Database and Design concepts

04/16/2019

Project #3

Steps to fixing the database

1. The first thing that I did was check the database by “sudo mysqlshow bookstore.” this gave me the database including all the tables.

Database: bookstore

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| Tables |

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| acctchart |

| acctjournal |

| acctledger |

| categories |

| contacts |

| inventory |

| purchases |

| sales\_dtl |

| sales\_hdr |

| sales\_pmt

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1. In order to check the status I used sudo service mysql status
   1. pi@raspberrypi:~ $ sudo service mysql status

mariadb.service - MariaDB 10.1.37 database server

Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset:

Active: inactive (dead) since Sun 2019-04-07 14:00:36 EDT; 1 weeks 2 days ago

Docs: man:mysqld(8)

https://mariadb.com/kb/en/library/systemd/

Main PID: 16805 (code=exited, status=0/SUCCESS)

Status: "MariaDB server is down"

* 1. This is all the information that came back, it states that the database has been inactive since sunday 04/07/2019 and the status “MAriaDB server is down”

1. I then did mysqlcheck bookstore
   1. This showed me that the inventory table crashed and needed to be repaired.
2. After figuring out the inventory table was the problem I did “sudo mysqloptimize bookstore inventory” and it said inventory ok, but the size of datafile was still too high.
3. I then tried “mysqlrepair bookstore inventory” and it said it worked. I then checked the database and it said everything was in good shape. There was no warnings all was “OK”.