**Stage 1: The login system**

**Setting up the database;**

**Graphical user interface, text, application

Description automatically generated**

I used my SQL word bench to create the database ‘loginsystem’ and it contains 2 items; the primary key username and password. This will allow me to store the username and password of all the users.

**Graphical user interface, text, application

Description automatically generated**

This is the SQL statement I used to insert some initial values.

**A picture containing table

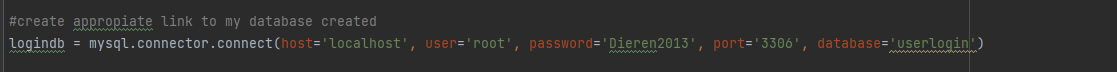
Description automatically generated**

I inserted these values into the database.

**Table

Description automatically generated**

And this is how the database looked after i inserted these values.

**Connecting to the database;**

This will create an automatic connection to the database and it will allow me to use it throughout the program.**Text

Description automatically generatedA picture containing text

Description automatically generated**

This proves that the connection I made is correct as it prints all the contend in the database.****

**Text

Description automatically generated**

**Iteration 1 of Tkinter window;Text

Description automatically generatedGraphical user interface, application

Description automatically generated**

**Iteration 2 (Adding login button)Text

Description automatically generatedGraphical user interface, application

Description automatically generated**

**This is the first location so adjusting the size and location we get;**

**Graphical user interface, application

Description automatically generated**

**Iteration 3 (adding a signup button)**

**Text

Description automatically generated**

**Graphical user interface, application

Description automatically generated**

**Iteration 4 (cleaning up and making it compatible with the whole program)**

**Text

Description automatically generated**

**Iteration 1 Login\_button module**

**Graphical user interface, text

Description automatically generated**

**Text

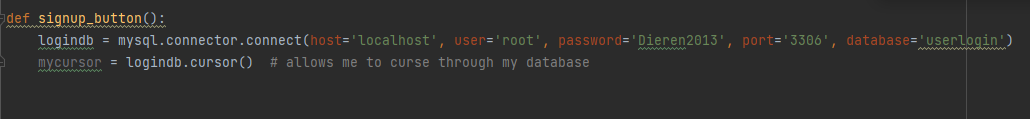
Description automatically generated**

**Iteration 2**

**Text

Description automatically generated**

**Iteration 1 (Sign up button)**

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**Iteration 2**

**Graphical user interface, website

Description automatically generated**

**Text

Description automatically generated**

**Iteration 3**

**A screenshot of a computer

Description automatically generated**

**Graphical user interface, application

Description automatically generatedGraphical user interface, table

Description automatically generated**

**Iteration 4**

**Graphical user interface, text

Description automatically generated**

**Iteration 5**

**Text

Description automatically generated**

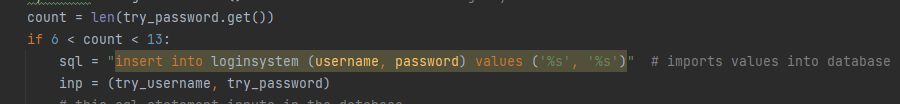
**Graphical user interface, application

Description automatically generated**

**Table

Description automatically generated**

**Validation**

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**Testing**

