USER MANUAL

This Doc gives a brief description on the App working and its functions. This is a very basic model of a Function reference guide for some famous technologies existing. Technologies involved in this app are C++, Python, NodeJS, HTML.
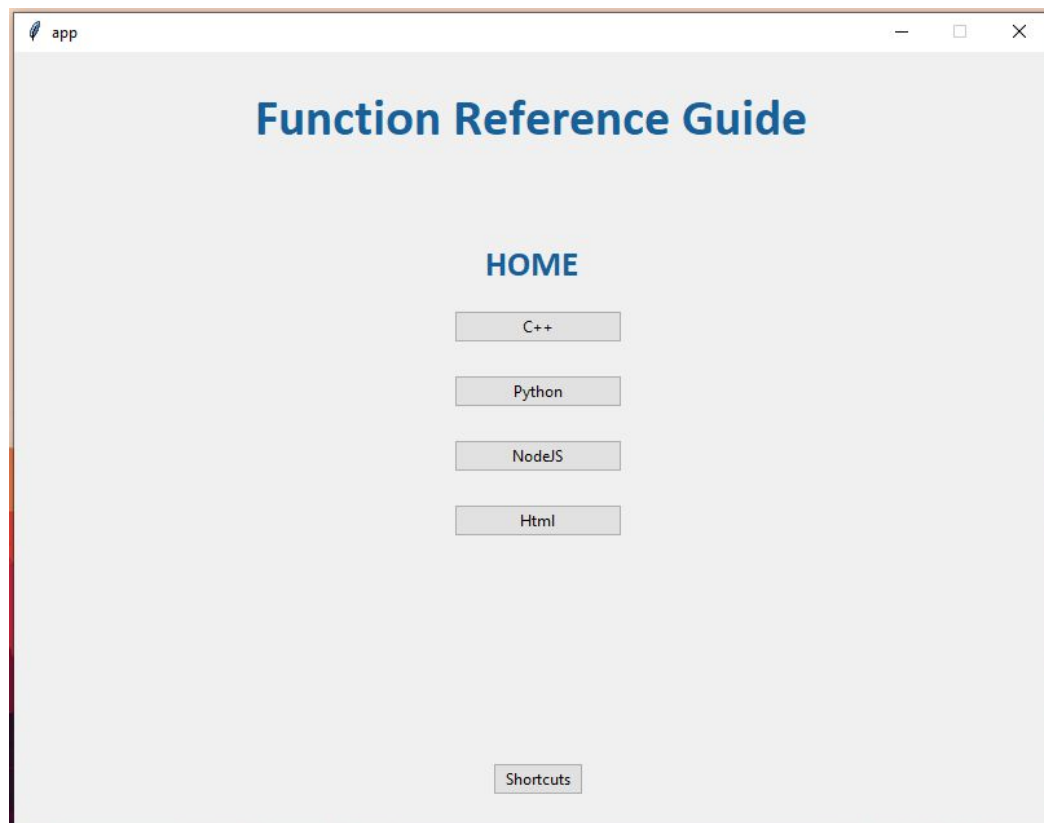
This is made using python Tkinter and Pandas.
- Tkinter - For App GUI
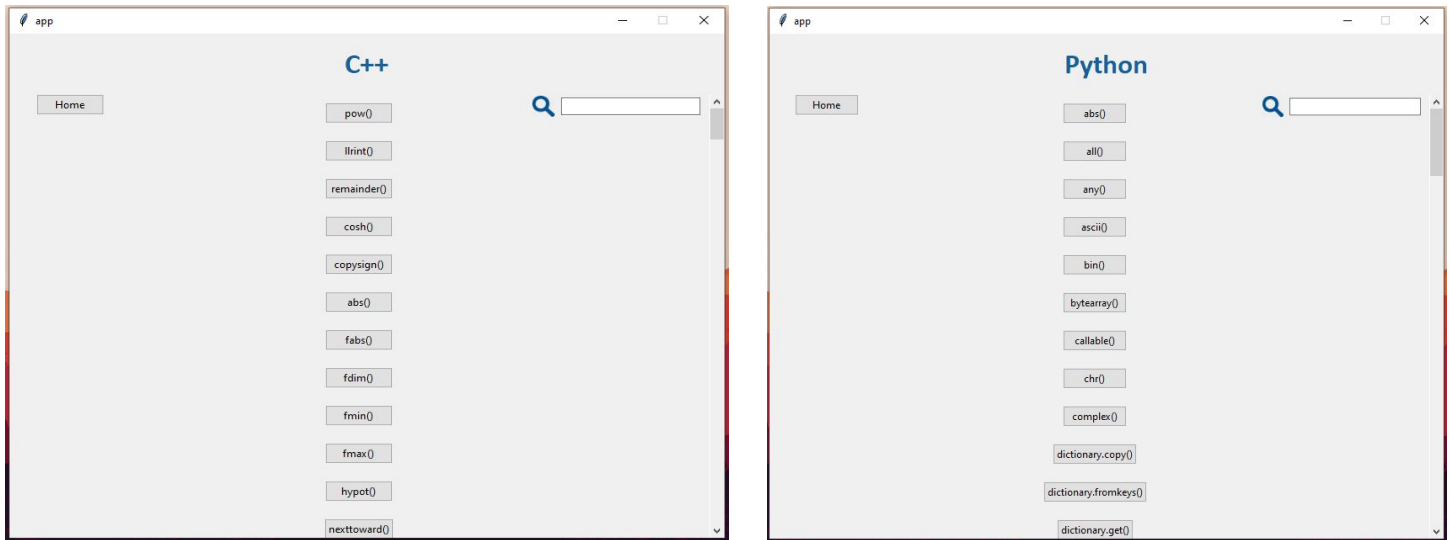- Pandas - To handle data

App Structure

There is one main homepage and the homepage guides to further depth in the App. Homepage has 4 buttons, each button guides to respective technologies. There are multiple buttons involved in the app Subpage which represents the functions in that particular technology. Each function button when clicked opens a new page showing the details about the function. It is embedded with a search bar to search functions in the particular technology. Click on the search recommendations to open the respective function. Each page subheadings

representing - Description, syntax, parameters, example and output. There is a shortcut button in the homepage to give info about shortcuts available in the app.
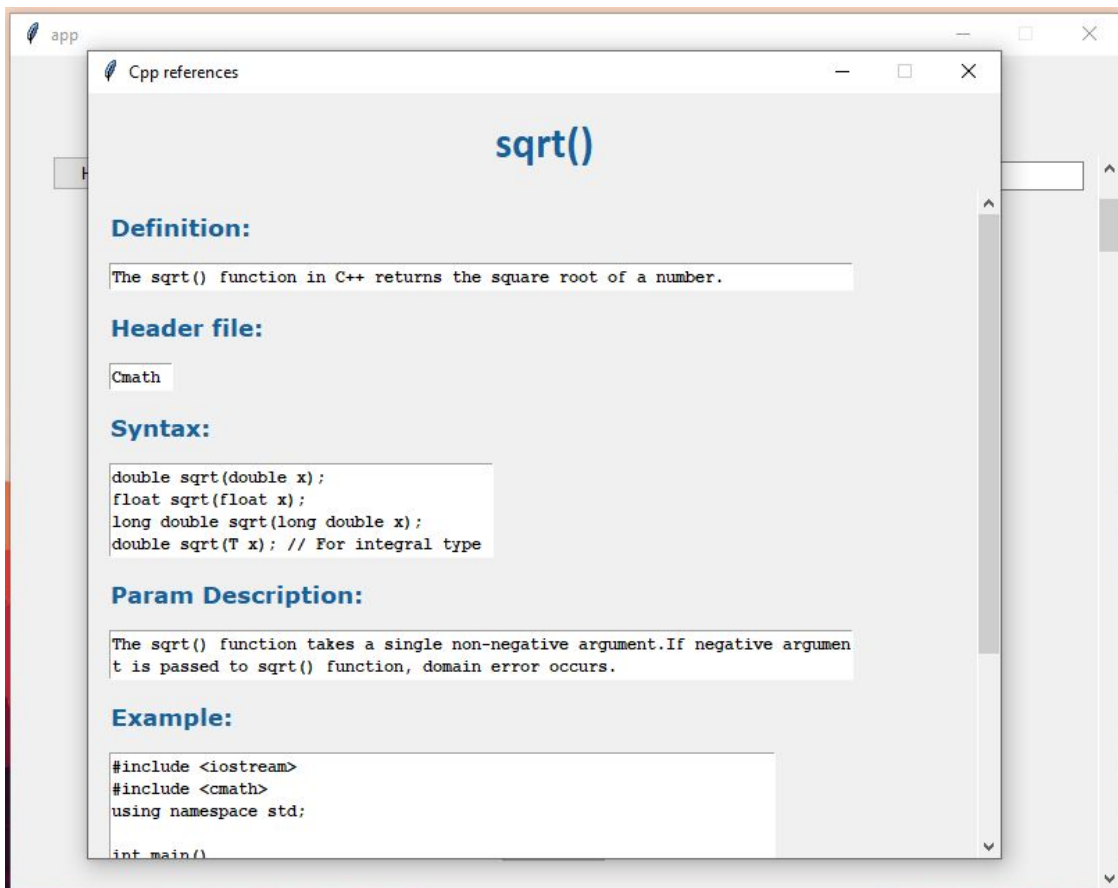
Homepage

Subpages

C++

| Home |

| pow() |
| llrint() |
| remainder() |
| cosh() |
| copysign() |
| abs() |
| fabs() |
| fdim() |
| fmin() |
| fmax() |
| hypot() |
| nexttoward() |

Python

| Home |

| abs() |
| all() |
| any() |
| ascii() |
| bin() |
| bytearray() |
| callable() |
| chr() |
| complex() |
| dictionary.copy() |
| dictionary.fromkeys() |
| dictionary.get() |

New Pages - representing function details

Cpp references

sqrt()

Definition:

The sqrt() function in C++ returns the square root of a number.

Header file:

Cmath

Syntax:

```
double sqrt(double x);
float sqrt(float x);
long double sqrt(long double x);
double sqrt(T x); // For integral type
```

Param Description:

The sqrt() function takes a single non-negative argument.If negative argument is passed to sqrt() function, domain error occurs.

Example:

```
#include <iostream>
#include <cmath>
using namespace std;

int main()
```

Installation

This App is made in Python 3.8.1. Requirements are mentioned in the requirements.txt file. The root app folder has 2 folders - images and database and 3 .py files. The main app file is app.py.

In command prompt:
Git clone https://github.com/madhavambati/Function-Reference-Guide
cd Function-Reference-Guide
pip install requirements.txt

In windows:
python app.py
In linux:
python3 app.py

Bugs:
A scroll bar is present in all the windows it works on mouse click and mousewheel scroll in the new windows i.e functions window, the scroll is not bound to the mousewheel in the root window, so scrolling with mouse click is only possible in root windows.