RotatePDF

by xbryan

What this application does

This application has a simple functionality of rotating PDFs. Other complex functionalities (such as having one page rotated while the rest are not, etc.) are not supported by this application.
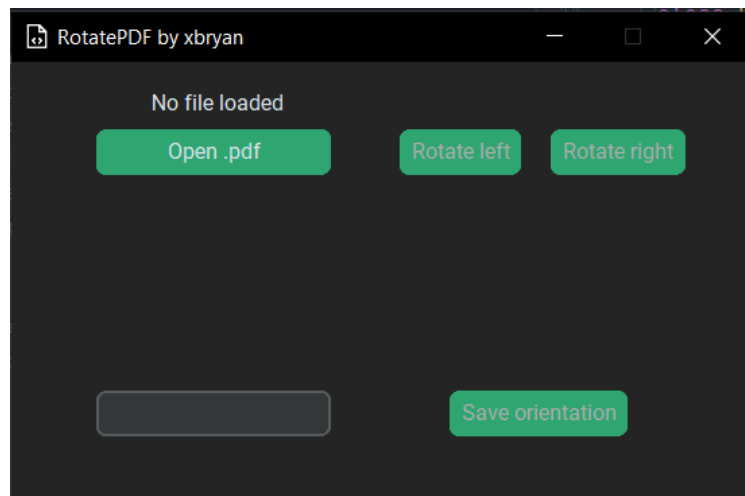
When this application was made

The development of the application started from April 11, 2023 to June 11, 2023. The development was mostly on and off as the developer was busy with their academic requirements.
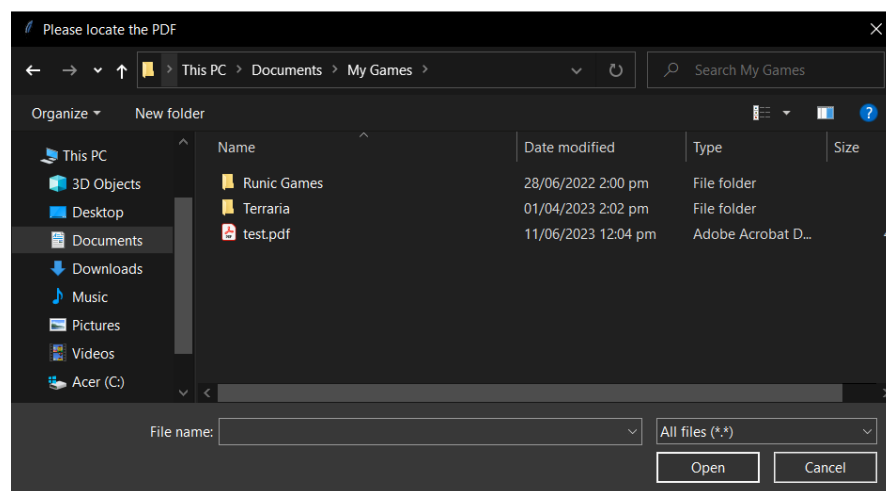
What programming languages and libraries were used to make this application

The application was made using Python 3.9. The libraries used in this application are: customtkinter by TomSchimansky, easygui, PyPDF2, PIL, and os.
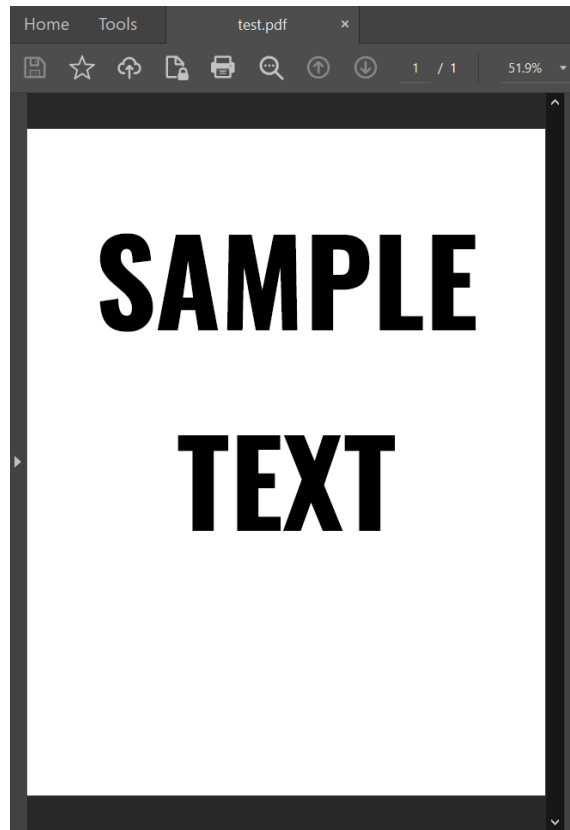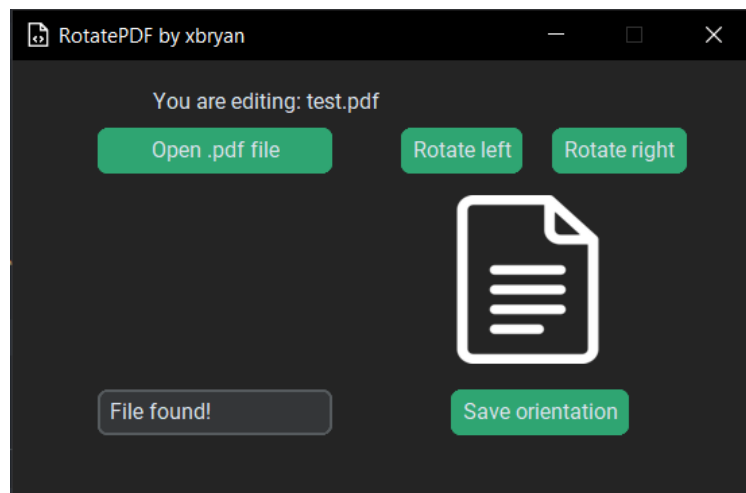
How to use the application

First, open the application. The image above is what you will see upon opening the application. The buttons "Rotate left", "Rotate right", and "Save orientation" are disabled as no file is loaded yet. Click the "Open .pdf" button to open the file explorer.
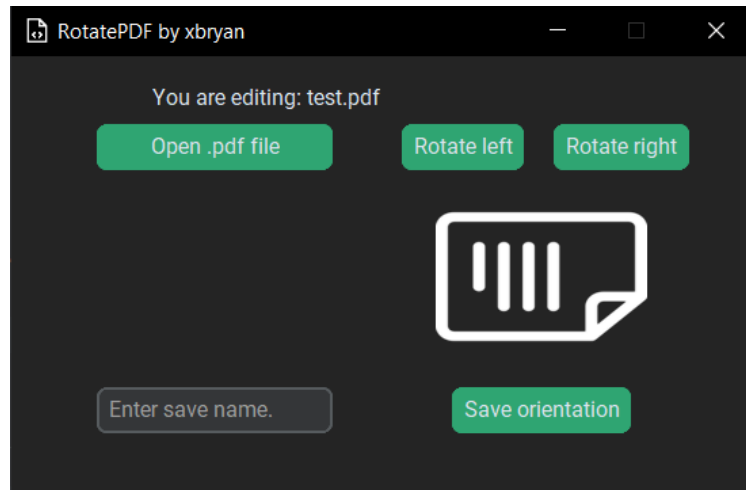

After clicking the "Open .pdf" button, the file explorer opens, as shown in the image above. Locate the .pdf that you want to rotate, and click open. In this tutorial, test.pdf is chosen as the file to be rotated.
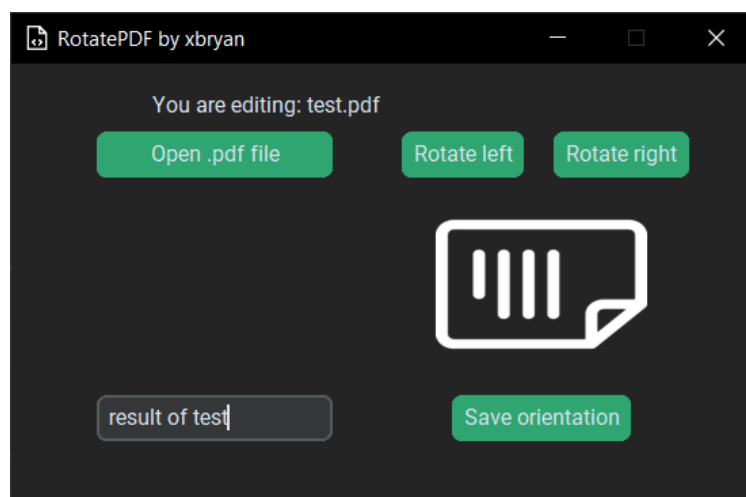
This is what "test.pdf" looks like when viewed using Adobe Acrobat Reader. As you can see, it is standing upright.
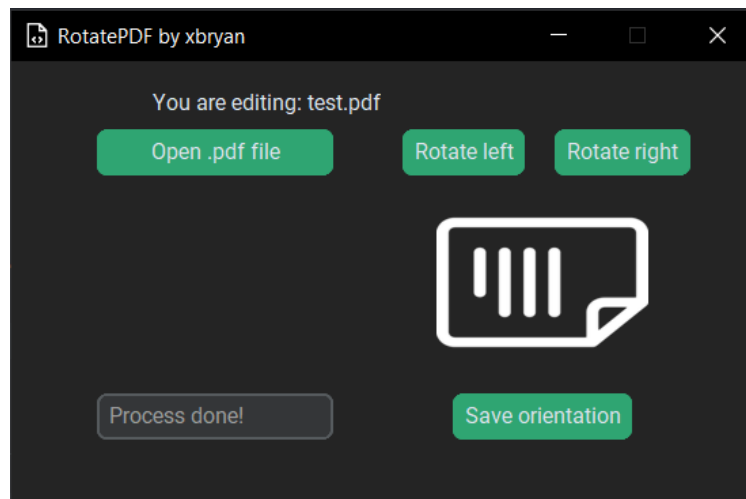

After clicking "Open" on the file explorer, the application will look like the image above. The entry widget will say "File found!", and the buttons "Rotate left", "Rotate right", and "Save orientation" will be enabled.
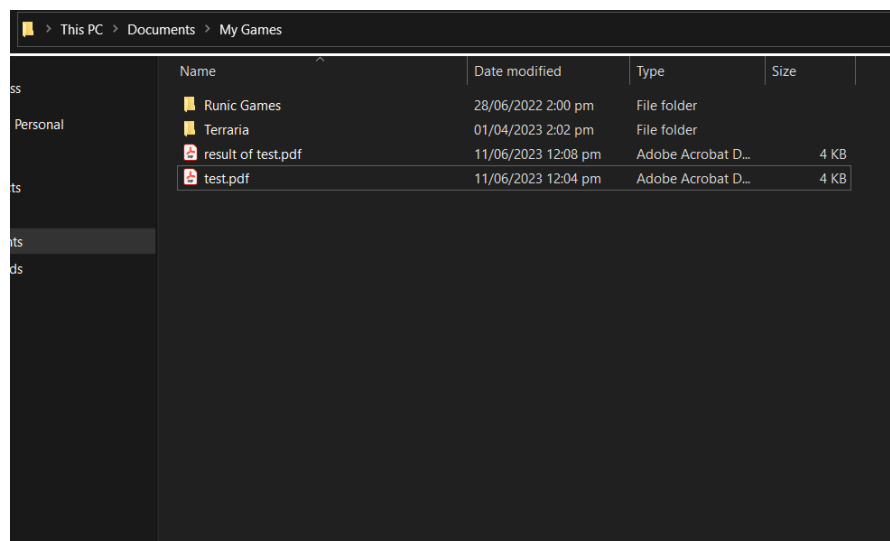
To rotate the .pdf, simply click either the "Rotate left" or the "Rotate right" buttons. For demonstration purposes, test.pdf is rotated to the right. You can click the "Rotate left" and "Rotate right" buttons as many times as you want.
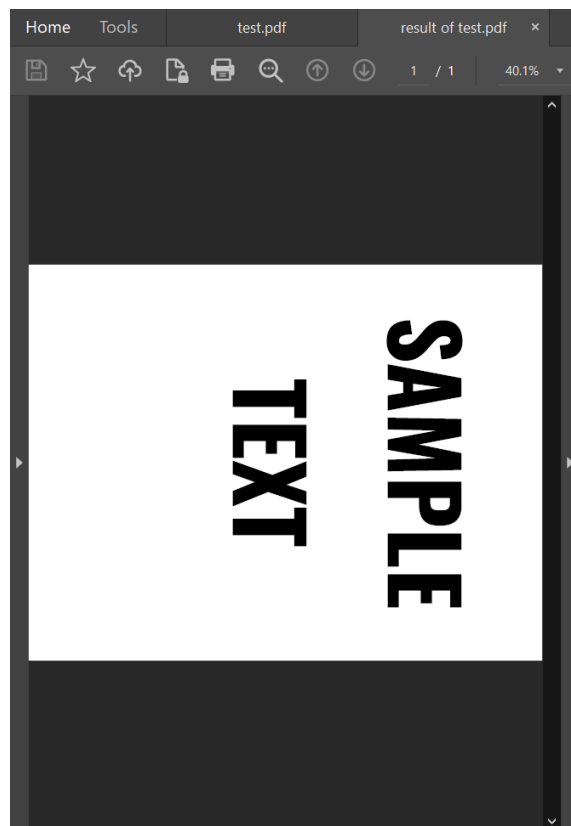

Input the name of the resulting .pdf in the entry widget. Note that you should not name the resulting .pdf with the name of the original .pdf, as this will delete the original .pdf. You can't also name the file as blank. After putting the name of the resulting .pdf, click the "Save orientation" button. This will save the resulting .pdf at the same directory as the original .pdf.

As shown in the image above, the entry widget will say "Process done!" as soon as the resulting .pdf gets saved. Note that the resulting .pdf will only show up as you close the application. Close the application and view the directory of the original .pdf.

The original .pdf "test.pdf" alongside the resulting .pdf "result of test.pdf" in the same directory.

This is what "result of test.pdf" looks like when viewed using Adobe Acrobat Reader. After rotating it using the application, it can be seen from the image above that it is rotated to the right.

Closing remarks

Thank you for installing the application. I hope that you would find the application I made amusing even though there are better applications that do the same task on the Internet. I am still a beginner at programming as I write this (June 11, 2023). I expect that there will be issues and errors that I have overlooked during the testing process of the application. You can contact me using my email address (bryanagan25@gmail.com) if you have any concerns and/or queries.

This is just the beginning. I will continue to make more projects in the future in order to become a better programmer. Stay tuned.