Introduction

The tool name is **GD.A1**, which is free-ware software using MIT licenses developed in Python. **GD.A1.exe** can run on the Microsoft Windows system. The small tool runs on nearly all operating systems with minimum requirements. Graphic user interface require to show result in in the form of picture (optional). The exe file size is less than 75 MB. It is composed of a main module where you can enter the image path; after this necessary operations is perfom on it. At the end result is show in a single-page user interface.

Training Manual

You can take the good colour image of piter-dish which contain different colonies; after performing the necessary microbiological procedure. Write a path of your image

Within a couple of seconds, the following results are prompt

1. Colour of green object in image.

2. Total number of colonies.

3. Virtual show gride on image.

4. Differentiate green colonies in the form of image.

GD.A1 generates output in the form of a image file. Which can easily be done with any photo reader software and display results on a computer screen, text result is acceptable for monochromatic vision issues.

Instruction Manual

You can download GD.A1. from the GitHub website. There is a single exe file with the name of the software. Double-click the opaque icon to run this file. The tool is a virus- and bug-free program ; kindly see the **MIT** license too. If the operating system is identified as a bug, disable your computer's antivirus software for a movement and enable it after installation.

Enter a valid path of image with .extension like JPG, JPEG do not enter a blank or wrong path. If the path of image is correct show image found on the other hand show image path not correct and the tool will close automatically.

Graphical representation of GD.A1
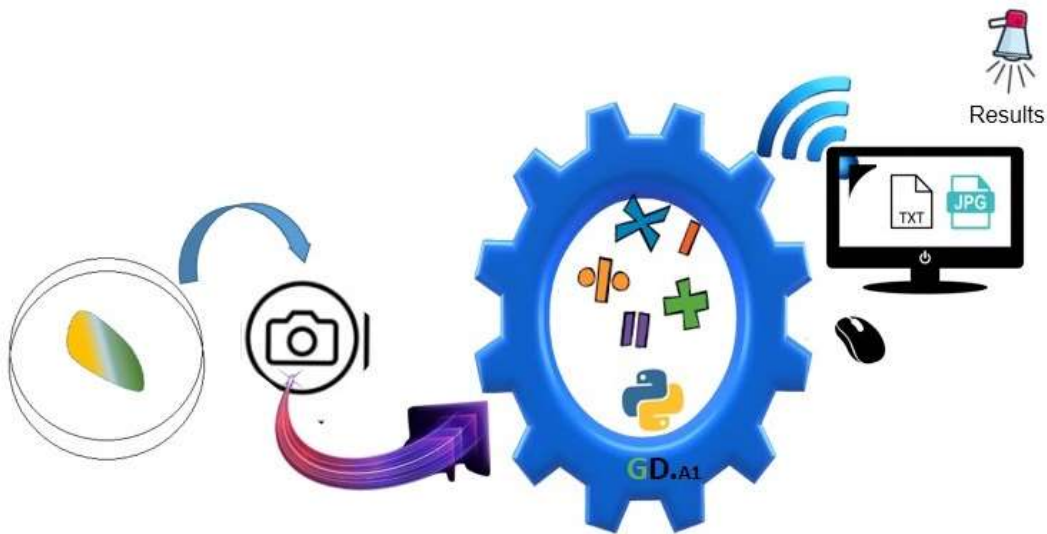
Step 1

Click on the GD.A1.exe file. Depending on your computer system it take couple of seconds to open

Step 2

A black back ground screen will open and ask you enter the path of image.

Step 3

Following result are prompt

Step 4
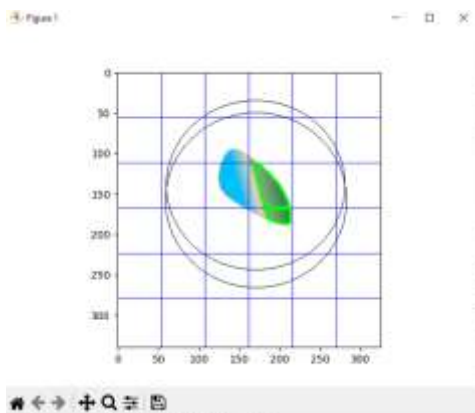
Within couple of seconds following result are generated with green .jpg is save for your record

Download manual

I'd be happy to help you with downloading instructions, download .exe file from github through window operating system. Launch your preferred web browser (e.g., Google Chrome, Mozilla Firefox, Microsoft Edge) etc.

Step i

You can easily download GD.A1.exe file from the Github website by double clicking to below mention link. Web browser navigate to desire page. Locate the repository that contains the .exe file you want to download after this hit mouse button to .exe file

https://github.com/aziz1sh1/GD.A1/blob/main/GD.A1.exe

Click on a view raw

Step ii

Your browser will prompt you to choose a location on your computer to save the .exe file. Select a location and click "Save" .Another pop up ask you where to save , save a file . Depending on your's internet connection, it may take few min for the download to complete. You can monitor the progress in your browser.
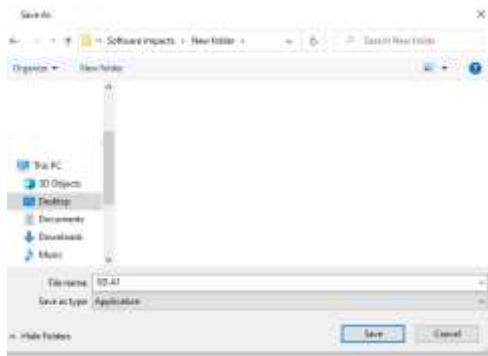
Step iii

Although GD.A1 is virus and bug free, it's a good practice to scan it for viruses using your antivirus software.

Step IV

Download is complete and you've scanned it for viruses, you can run the downloaded .exe file to install or use the application. , click on more info

Step v

That's it! You've successfully downloaded an HMG.A1.exe file from GitHub on a Windows operating system then click on run. After this follow step 1 of instruction manual.

Term of use

This software provided to under MIT licenses .Cite the software GD.A1 if you used in your research, to generate microbial data.