Numadic IOT Pvt Ltd
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Matrix Manipulation & FIO

There is an image in the drive folder with a filename **player.png**. I need you to write a program to do the following

1. Read the image from your local source location.
2. Divide the main image into separate sub images (in the below case 34 images).
3. Separate the sub image from the main image and programmatically save them in a local destination in a separate subfolder.

The image should only have the graphical content of the frame (**alpha** allowed) and has to be precisely resized to fit the content.

- If the image has alpha content in it, it has to be preserved along with the extention type.
- Image quality cannot be worse than the original image
- Your program should be able to do the above operation for any image with multiple areas of interest.
- I've attached 2 more images in the folder, your program needs to work for them and deliver the suitable output.

Original Image

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Sub image

Image after the cut

Your program should be able to do the above operation for any image with multiple areas of interest.
I've attached 2 more images in the folder, your program needs to work for them and deliver the suitable output.

You can use Java, C++, C, Python or GoLang to code your application. Use an Open Source compiler to compile your code (Do not use the Visual Studio Stack to deliver any content).

All the best!

Deliverable:

1. Code via zip/7z,rar.
2. Fully documented and carefully commented code with references related to libraries and setup along with links