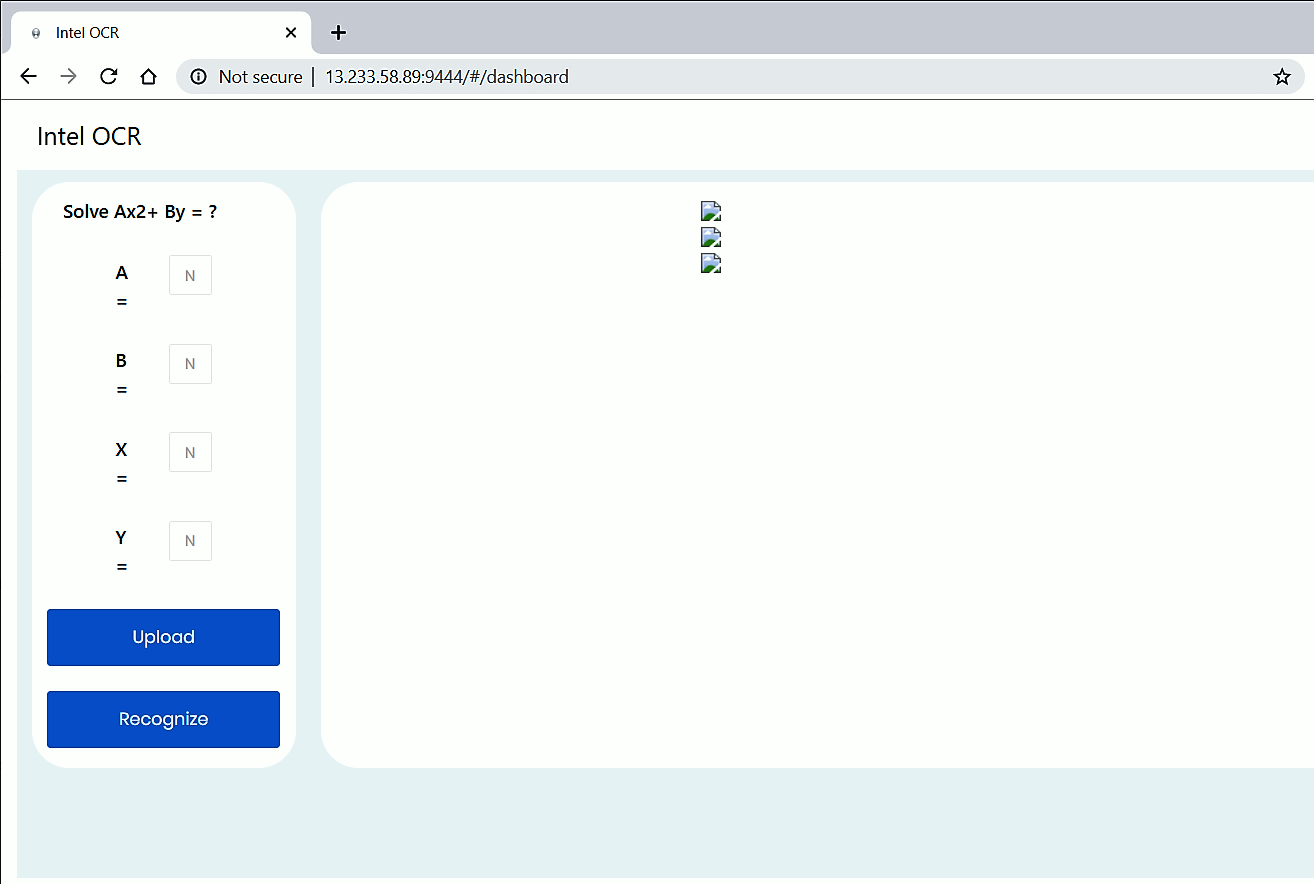
User guide

1. GUI Steps
2. Best Practices

1. GUI Steps

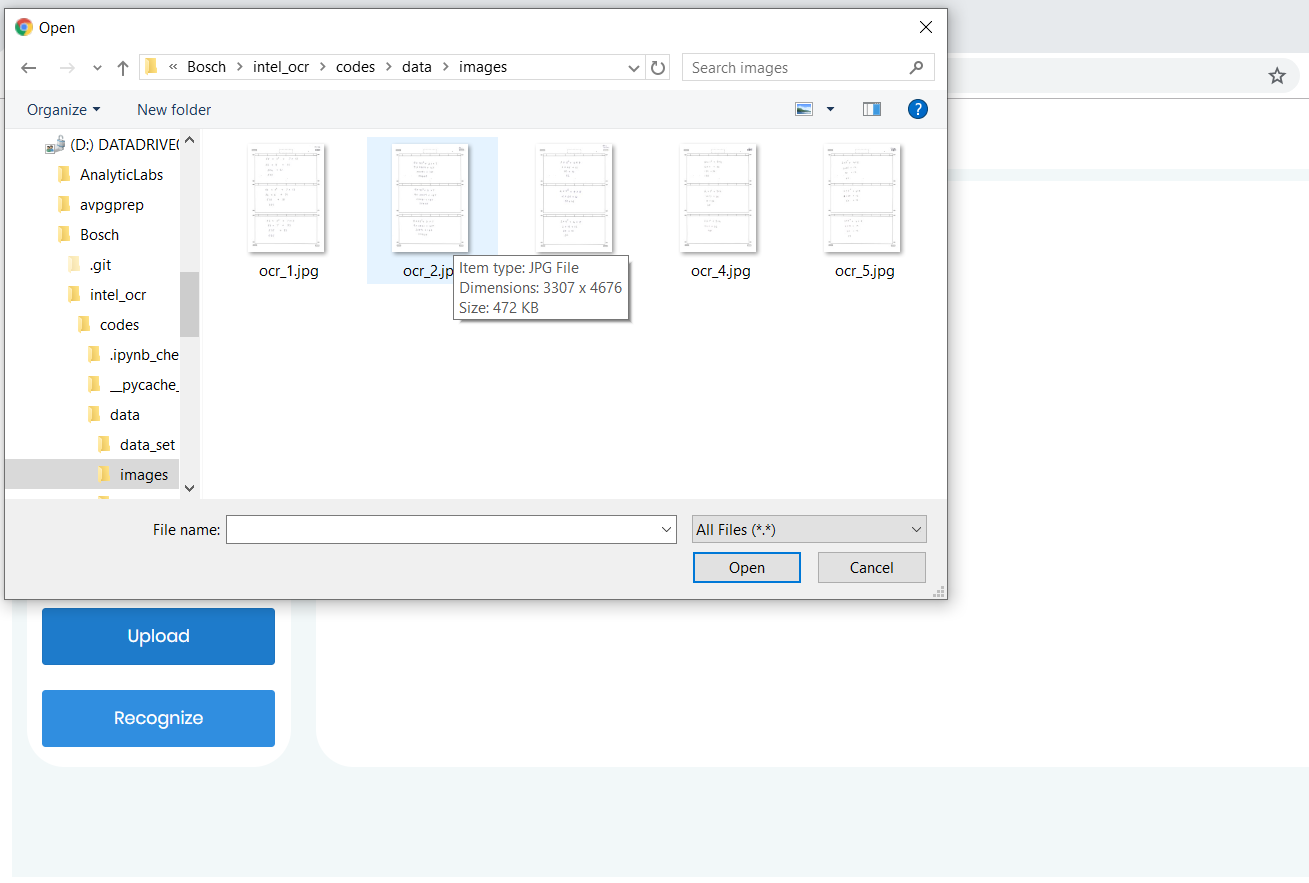
**Step 1: Open this link :** [**http://13.233.58.89:9444/#/dashboard**](http://13.233.58.89:9444/#/dashboard)

On clicking this link, a web based application will open in your web browser which is Intel OCR application for analyzing handwritten mathematical equation, evaluate them and give color coded output



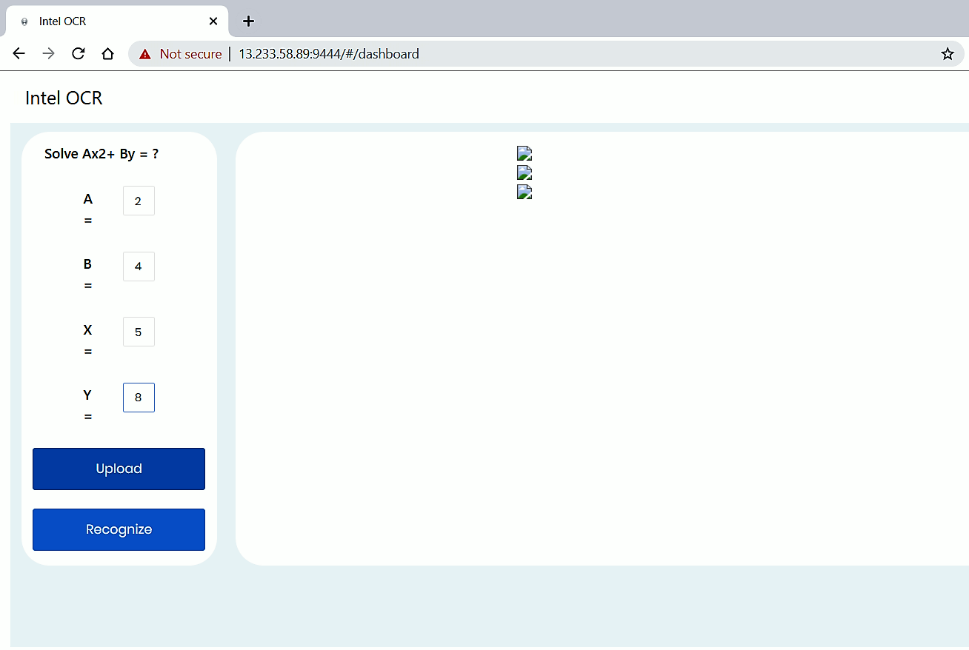
**Step 2: Click on Upload, Select Image to upload**

Second step is to upload an image which has to be analyzed using Intel OCR webapp. For this purpose click on upload, on clicking the upload button File Explorer should open, post which you have to select the required image and note down values of A,B,X,Y variables



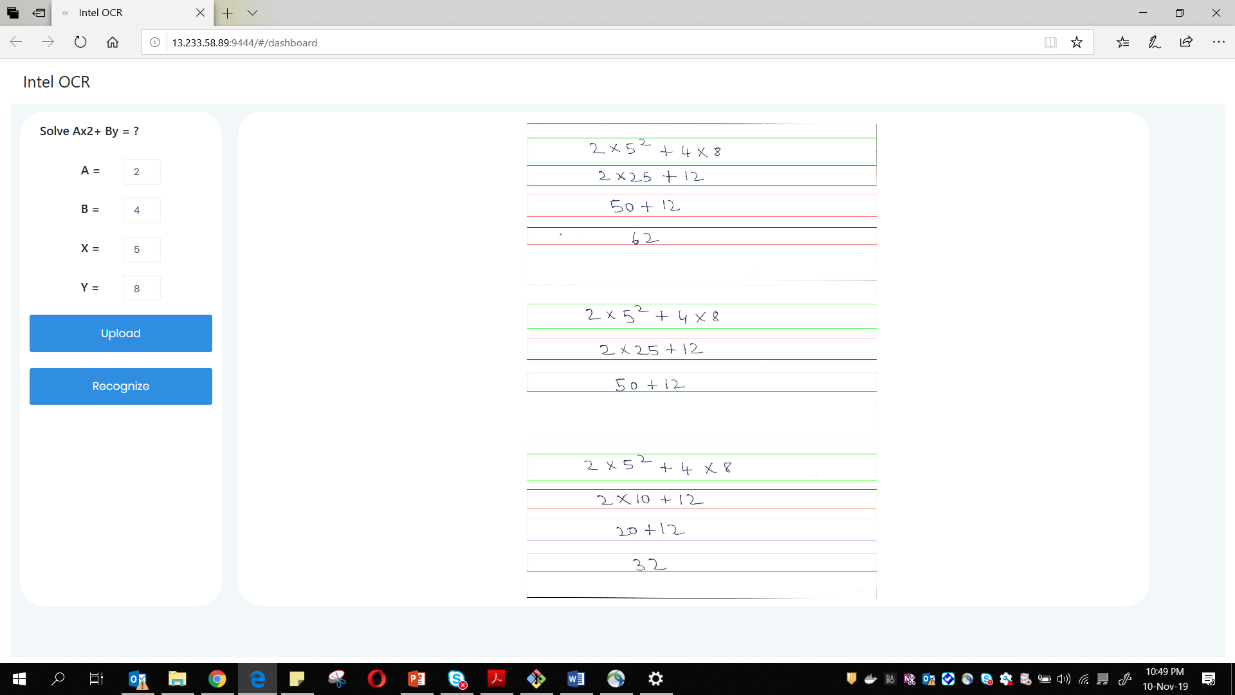
**Step 3: Fill Values of A, B, X, Y and then click Recognize**

Now fill the values of A, B, X and Y in the corresponding boxes which belong to the corresponding image uploaded. After image upload and values insertion click on Recognize button.



**Step 4: Get answer**

After clicking the Recognize button, wait for 5-10 seconds for results to appear. This waiting time may vary depending on the image size and network speed



2. Color Coding

**Red Box:**Red box signifies that, after analyzing the line its found to be incorrect and there is some mistake in that line

**Green Box:**Green box signifies that, after analyzing the line its found to be correct

**Blue Box:**A line which is enclosed by blue box signifies that the status of line is undetermined and it can be both correct  
or wrong.

Best Practices

1. Template to be scanned should be first printed in A4 size of DPI = 400 for best results. Solution will work for other DPI setting as well but aspect ratio of A4 size is the minimum requirement
2. There should exist little space between each character and exponentials should be written properly, not farther away from the parent line
3. There should exist little space between consecutive lines in any workspace for better recognition
4. Rough work should not be done in a workspace which will lead to false detection as a character