ADVANCE

CASE STUDY - 2

WhiteHat Jr
Live Online Coding for Kids

INSTRUCTIONS:

Goal of the Project:

In class 111, you have completed the HTML and CSS code for Image Identification web application and started with the JS code of the web application.

In this project we have to test all the images on Wolfram Language Image Identification and note the result below each object in index.html.

** This is a continuation of the project we did for Class 110. Please complete that project before attempting this project*

*Note - *If in the previous project you made the project template of Microsoft Azure then modify it such that it looks for Wolfram Language Image Identification, for this just change the text from 'Microsoft Azure' to 'Wolfram Project'.*

Story:
Robotics private limited is a big company which deals with building robots and machines. And recently they have started building a robot which will be used for Image Identification.

So they are confused which method to use,either use

- Wolfram Language Image Identification Method

  OR

- Use Mobilenet.

So to get rid of this confusion they want someone who is working with Mobilenet model to do a case study/research on which of the methods is more accurate.

You were required to do a CASE STUDY between your application (which you are making in the current class) which uses **Mobilenet** and The Wolfram Language Image Identification Project.
In the 1st part of the project we designed a template for our case study. Now let's test all the images on Wolfram Language Image Identification and note the result below each object.

Getting Started:

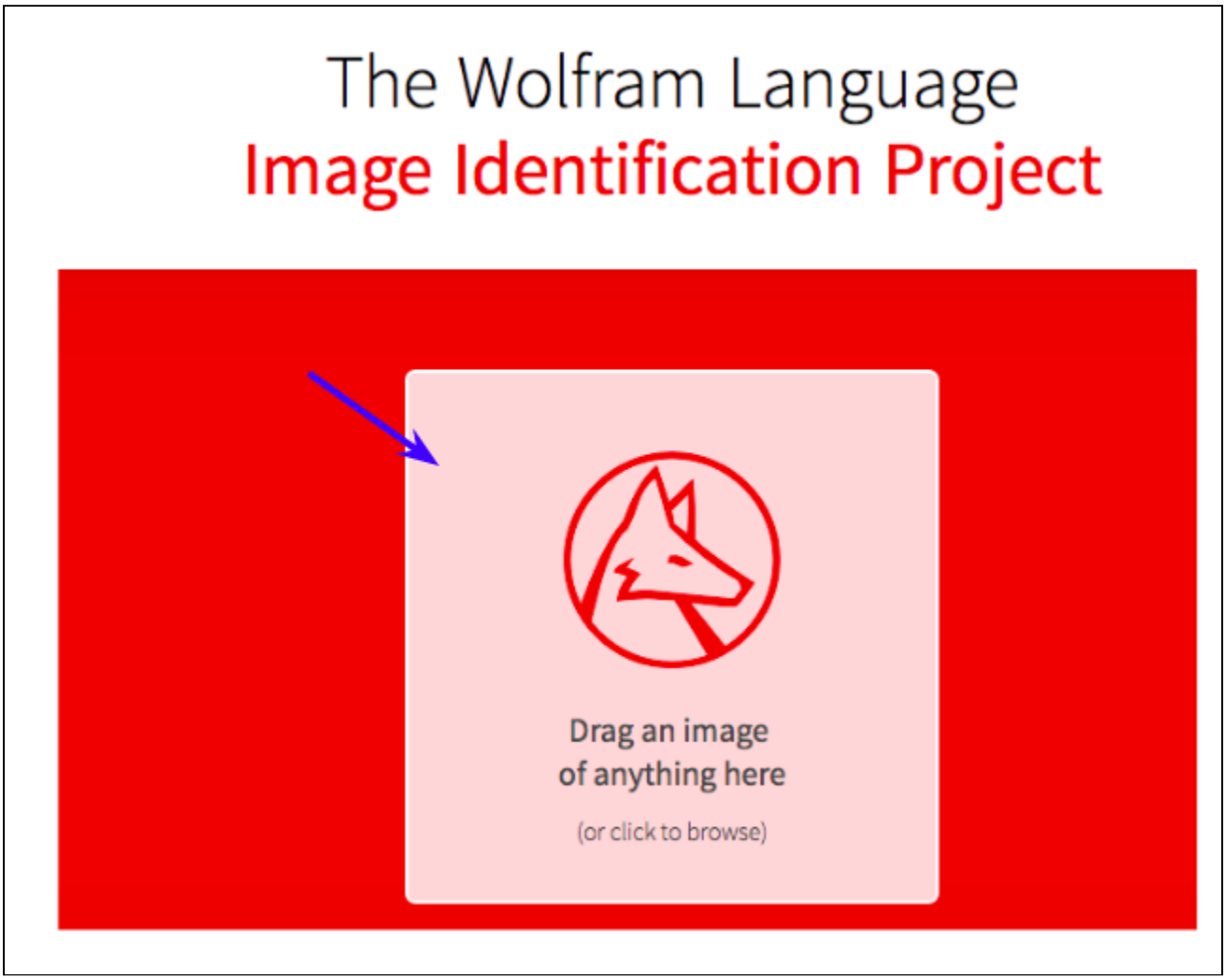
1. Get all the object images that you have clicked and saved in your laptop while doing the 1st part of this project.

2. Now you have to test all the test images which you have listed on the website in the Wolfram Language Image Identification Project.

Specific Tasks to complete the Project:

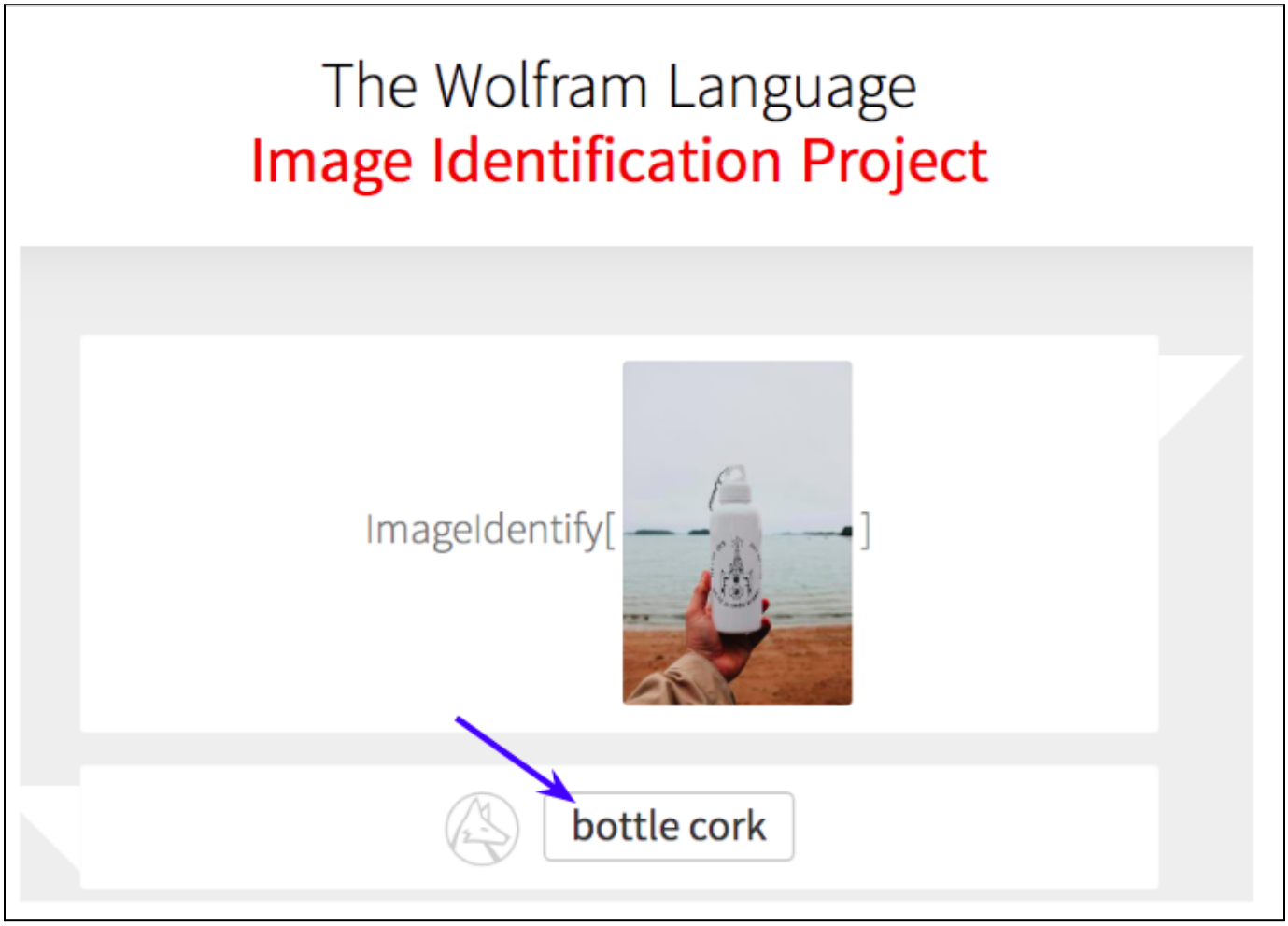
1. Open https://www.imageidentify.com/.

2. Click on the select image section from Wolfram Language Image Identification Project, as per the image given below.

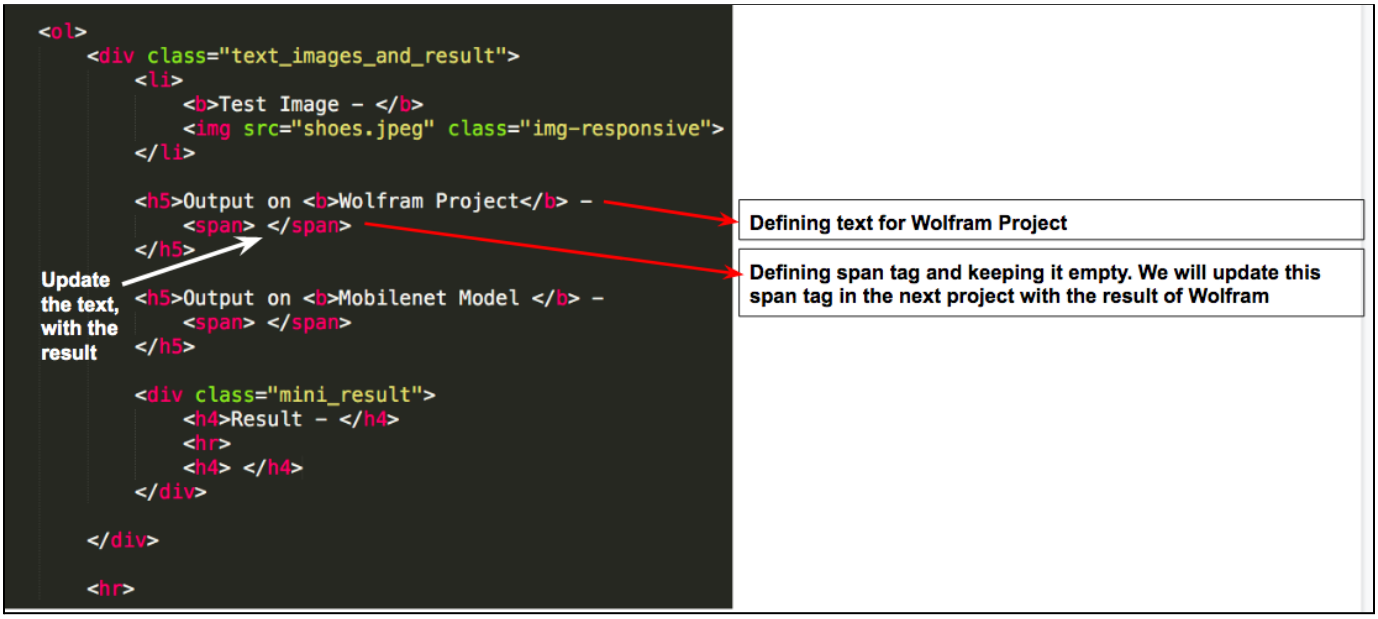


3. Select the test image from your system. **This test image is nothing but those images which you had transferred from mobile to laptop in the previous project.**

4. Then it will detect the image and give the result, like this:



5. Copy this result and paste it in your **index.html** which you had created in the previous project. In **index.html** inside the empty tag which you had left empty for the result coming from Wolfram Project in the previous project.
    - It is possible your code is different from the below image. The below image is just to give reference and give an idea about where you need to write the result.



*Note - If in the previous project you made the project template of Microsoft Azure then modify it such that it looks for Wolfram Language Image Identification, for this just change the text from 'Microsoft Azure' to 'Wolfram Project'.

6. Follow the above process for all the test images mentioned on your website.

You have to perform the task mentioned in above points for all the test images mentioned on your website.

Submitting the Project:

1. If you have created **case-study-project** folder on github then:
   - Upload **all the** files on which you have worked in the current project, in the **case-study-project** folder(this folder has been created by you in the previous project) on GitHub. You can get the steps to do this by clicking on this link.
2. If you have **not** created **case-study-project** folder on github then:
   - Create a folder **case-study-project** and upload all the files related to the **case-study-project** project on GitHub. You can get the steps to do this by clicking on this link.
3. Copy the hosted link which you will get after uploading all your files on GitHub and submit it in the Student Dashboard Projects panel against the correct class number.

REMEMBER... Try your best, that's more important than being correct.

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After submitting your project your teacher will send you feedback on your work.

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