Level 2

Image Classification

1 Application

Level 2

We'll use machine learning to demonstrate Image Classification with your phone!

Download the Coglabs App on your phone:

Open it and

Connect both your phone and your computer to the same WIFI network

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Open **Teachable Machine** And follow this steps:
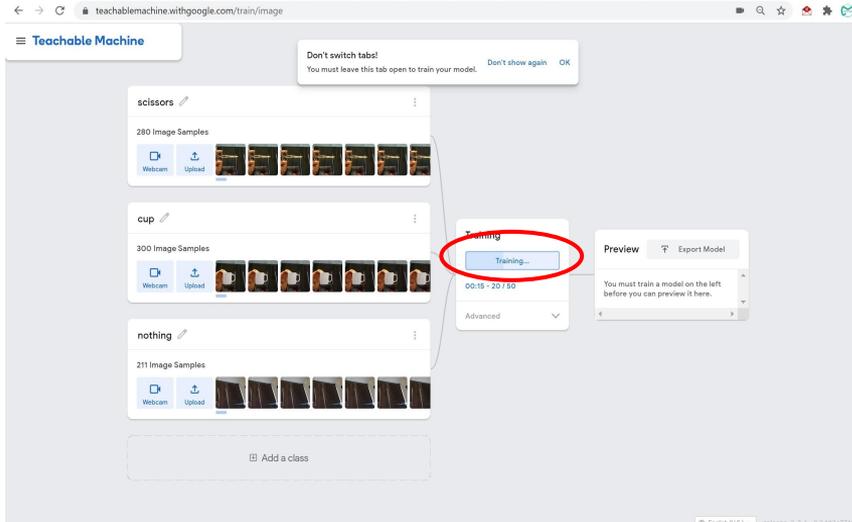
Create different classes and click on "webcam" to generate sample images. Then click on "Train"
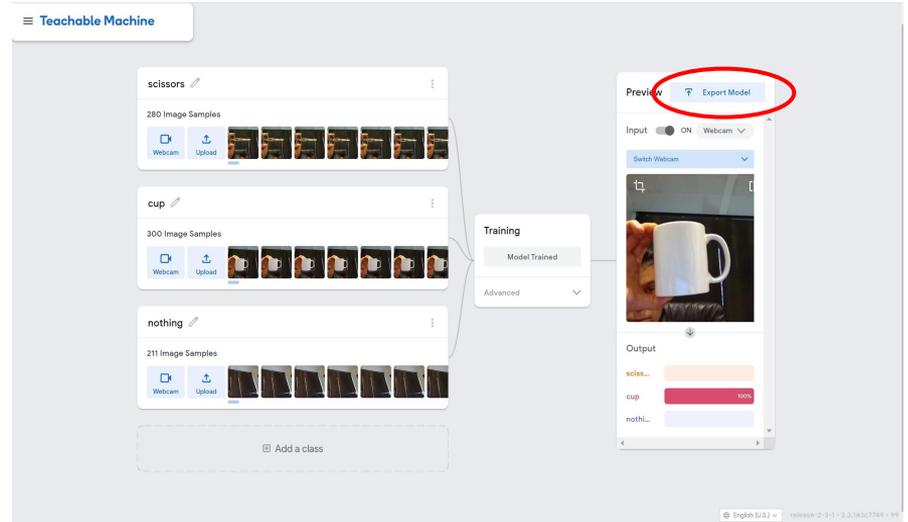
You can preview the result and click on "Export Model" when you are satisfied
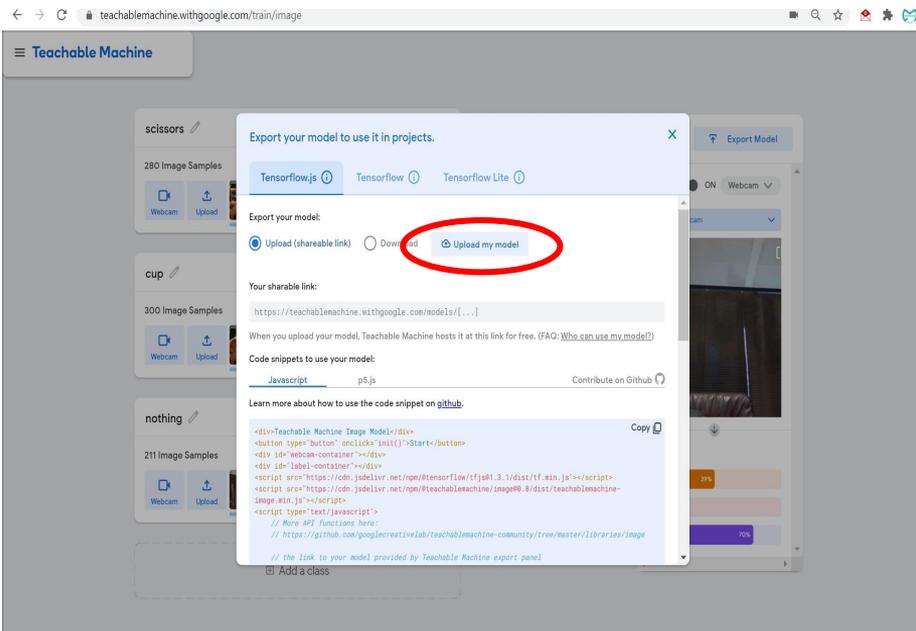
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Upload the model
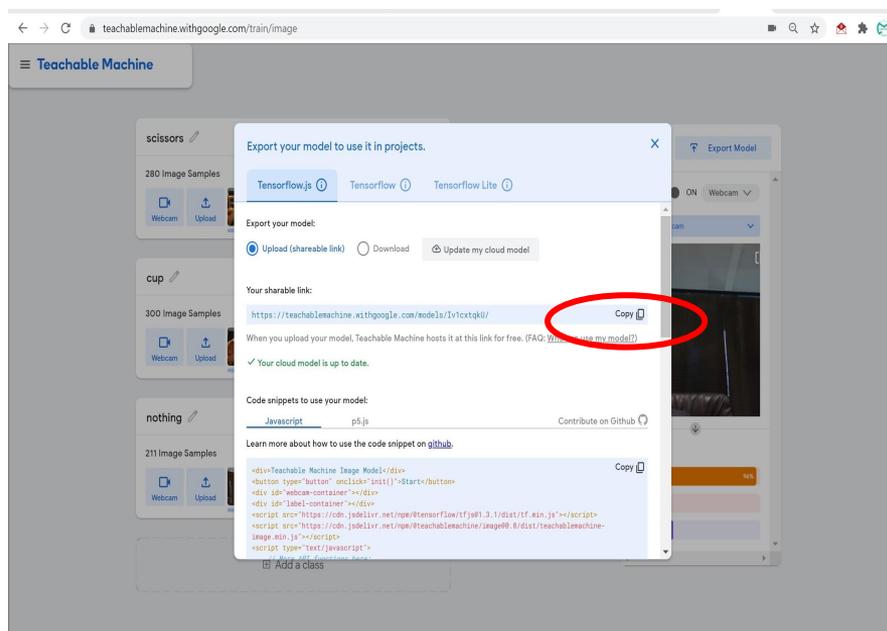
And copy it to your clipboard.

Open
**Scratch/Coglabs**
And write this program:

Copy on "run on device" the code that shows on your phone

COGLABS

▶ **Run Program**

VESC9 XSFQN

⊗ Help
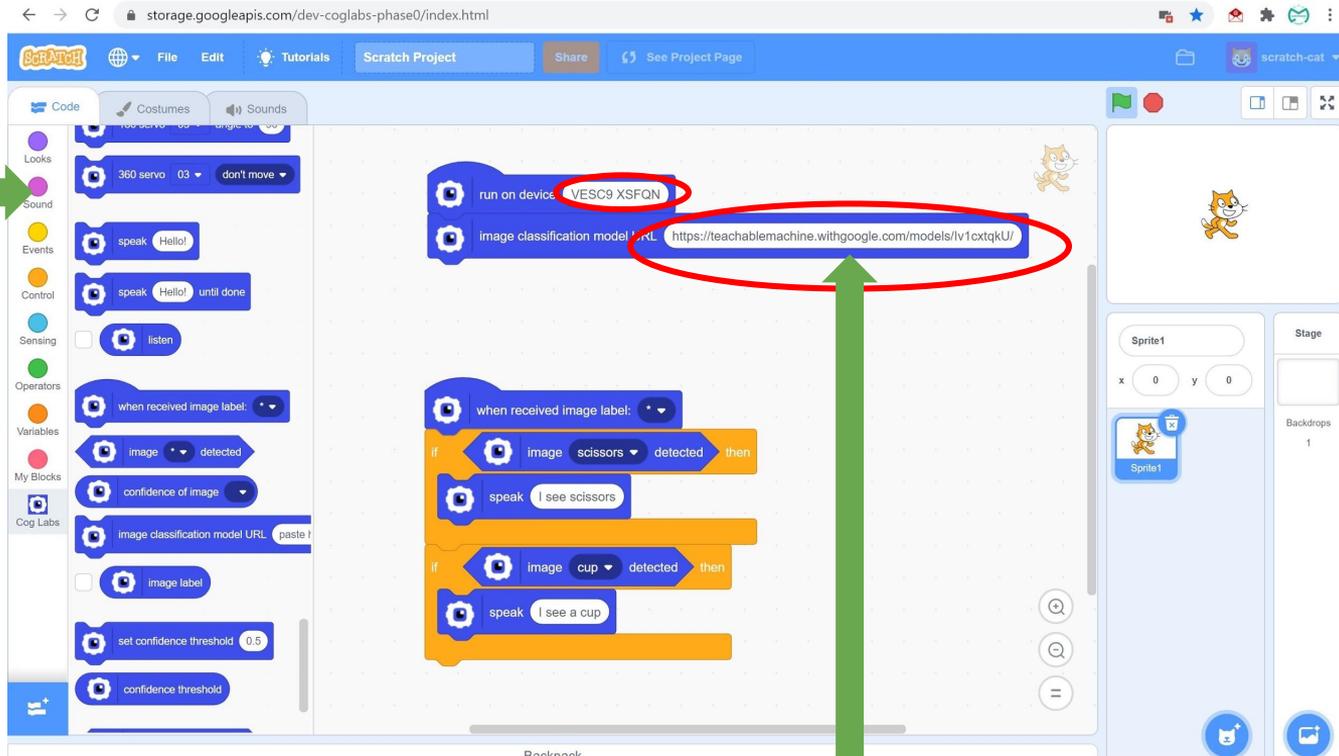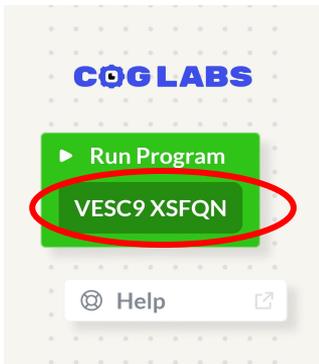
Paste the model you created on Teachable Machine in this block and click on it to activate it

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run on device VESC9 XSFQN

image classification model URL https://teachablemachine.withgoog
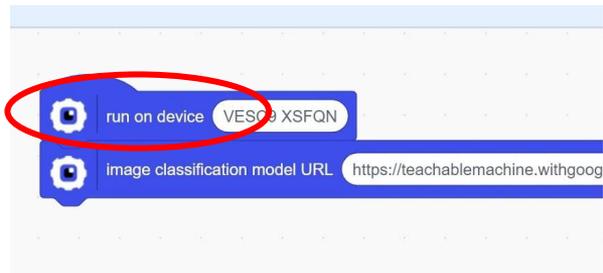
Click on "run on device", and you will see this message on your phone

Connecting...

Please wait while we load your model. This can take up to a minute.

Connected to Cog Labs

COG LABS

▶ Run Program

VESC9 XSFQN

⊕ Help
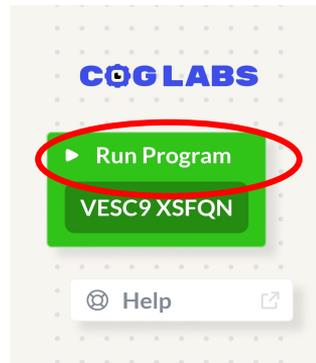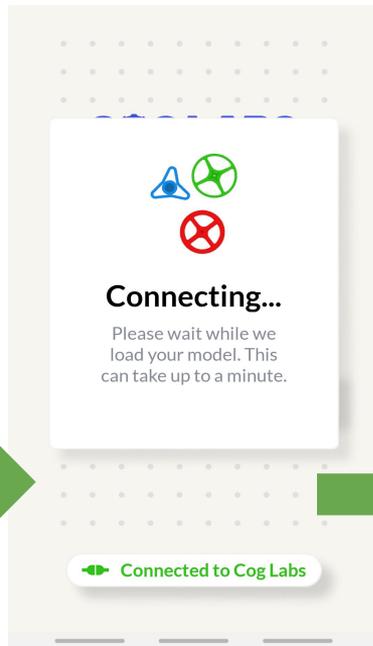
Then click on "Run Program"

11:46

CONNECTED
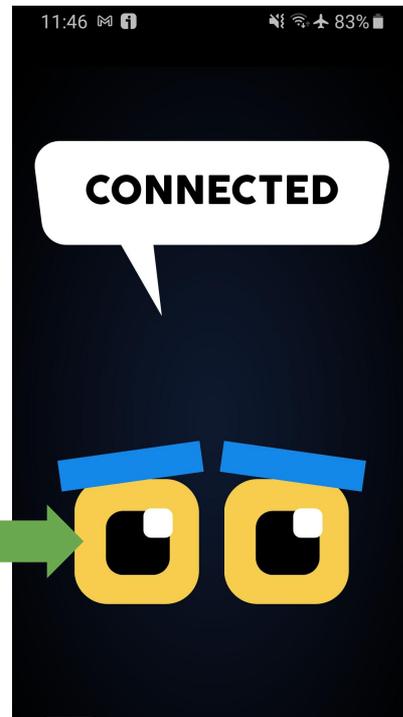
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I see a cup

When you show to your phone the objects used for training, it should speak out the sentence you programed