Report

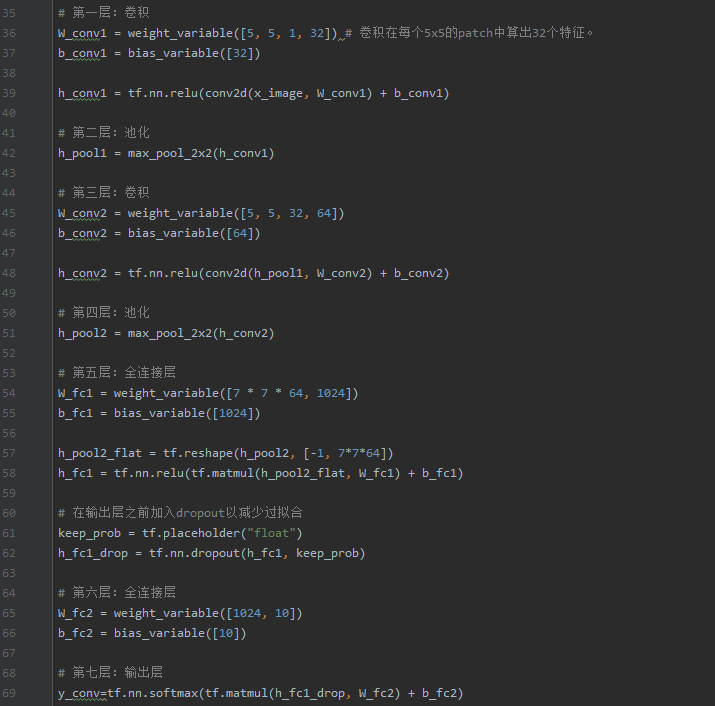
BD-30 KehanZhang

In this project, i learned how to use docker to build a container and how to build an image. I made a website to input picture, use minst tech to recognize the number it could be. Though i met lots of difficulties, i tried my best and succeeded in finish the project.

Training part:



turn the picture into numbers so that we can calculate the digital picture



The details of calculating and training

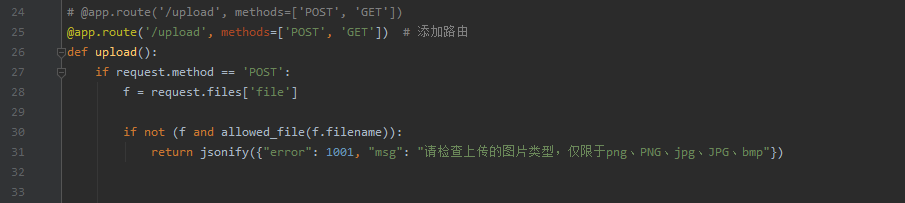


The process of training and the calculate of accuracy

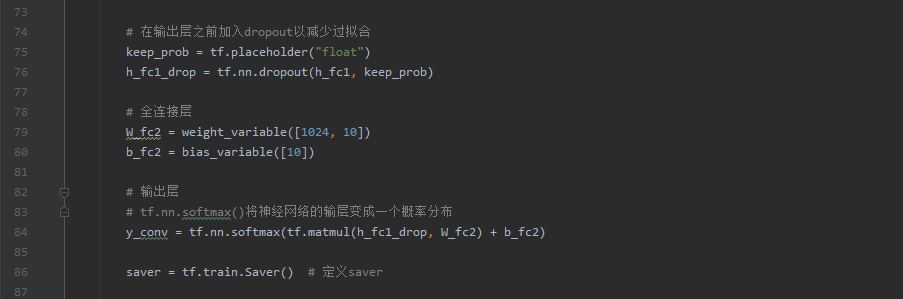
Handing in the picture and recognize it



Some preparation package for programming



Get the picture

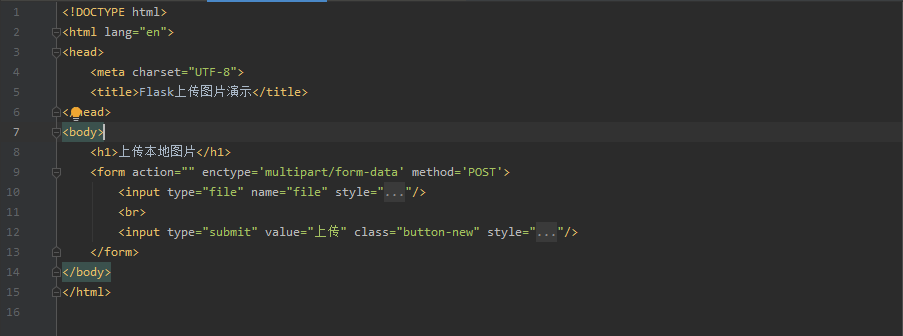


Use the training model



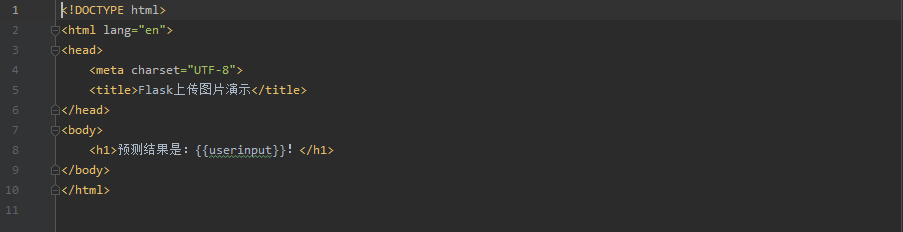
Recognize the number and open ports

Internet pages





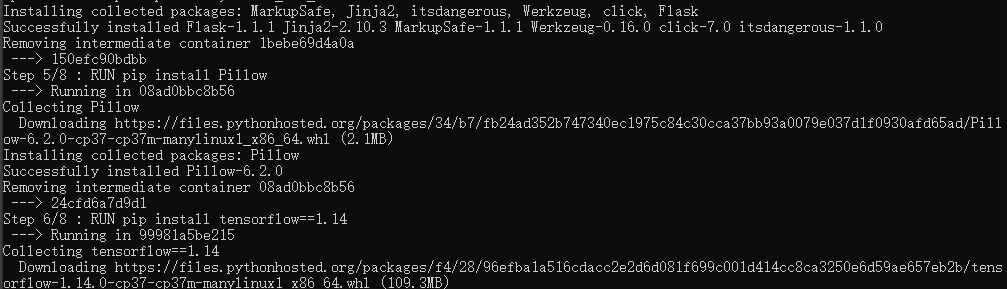
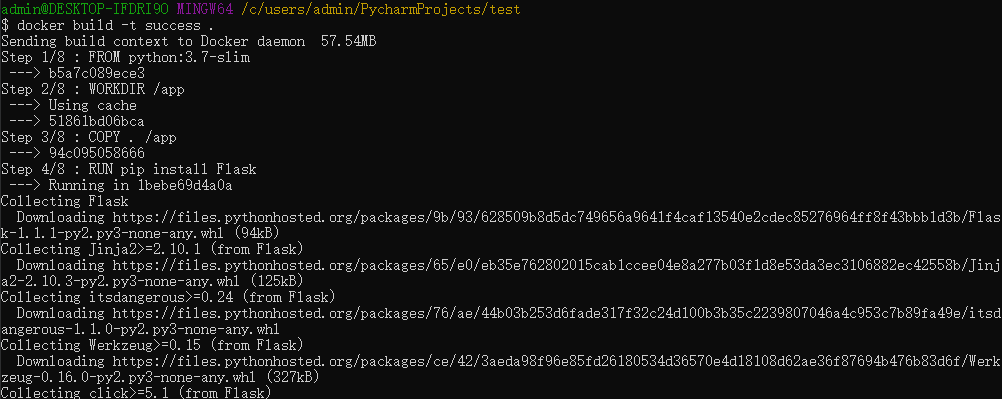
The first internet page



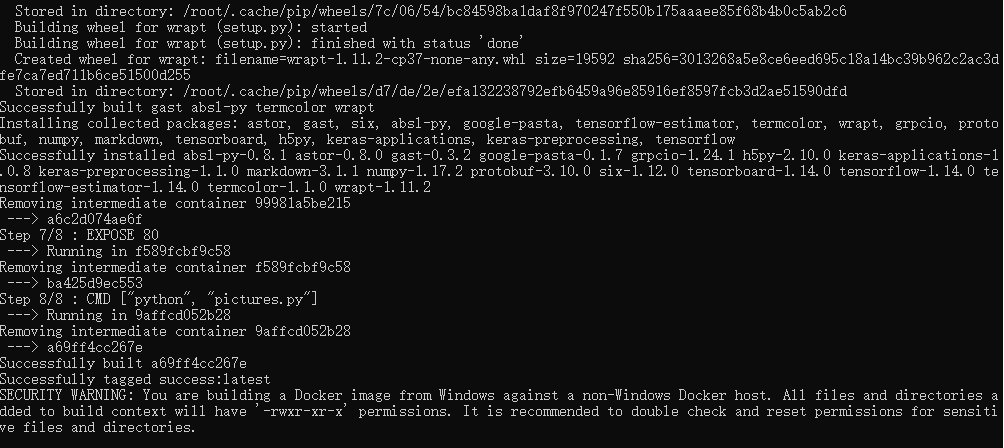


The second

The Docker

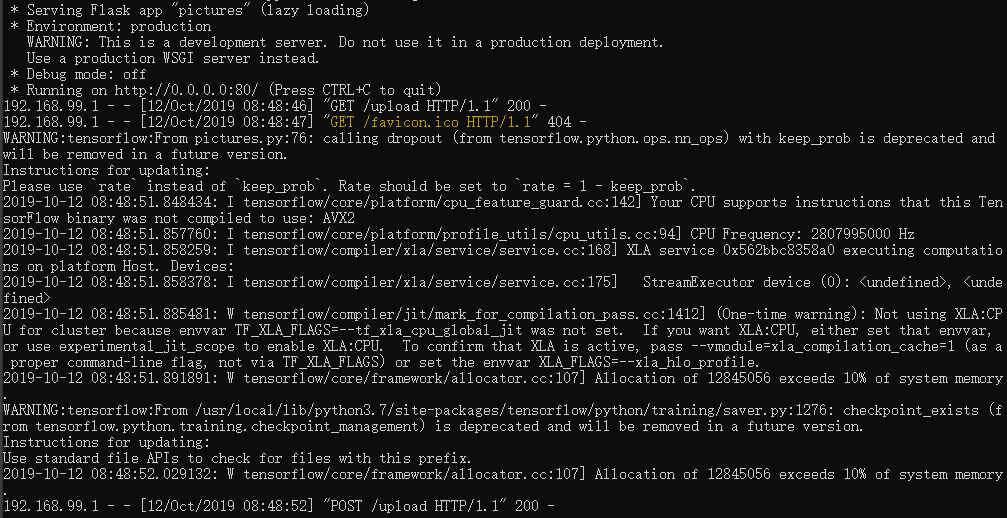




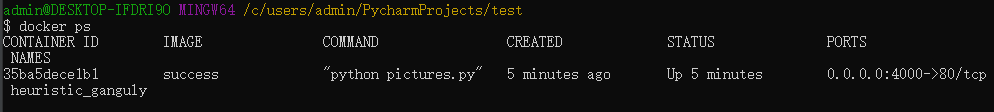


Build an image and download necessary packages





Run the program in the container



The running container



The picture should be fit for the program