A computer screen shot

Description automatically generated with medium confidence

**Part 1:**

A collage of images of animals and cars

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

**Part 2:**

A screenshot of a computer error

Description automatically generated

A person with a beard

Description automatically generated

A screenshot of a computer code

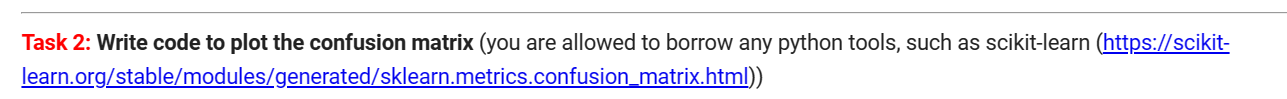
Description automatically generated

A diagram of negatives and negatives

Description automatically generated

A screenshot of a computer

Description automatically generated



A screenshot of a computer screen

Description automatically generated

Let's check with one instance

A screenshot of a computer

Description automatically generated

A person hugging another person

Description automatically generated

A computer screen shot of a computer code

Description automatically generated

A close-up of a white background

Description automatically generated

A screenshot of a computer code

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

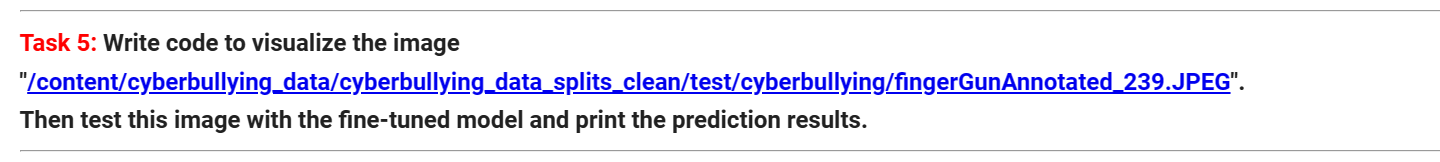
A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Here the fine tune(ft\_model) model test dataset accuracy is of 80% and the previous model test dataset accuracy is of 85%, there is slight decrease in test dataset accuracy about 5%, perhaps the reasons could be of change in parameter tuning and may be the fine tune(ft\_model) model would have converged as it reached the maximum performance for this dataset. Furthermore, when compared to fine tune(ft\_model) test dataset accuracy(80%) to the original model test dataset accuracy(85%) their isn’t large number change in the test accuracy metric and more over when predicting the images for this data with fine tune(ft\_model) model it is predicting correct results and the fine tune(ft\_model) model is neither over-fitting or under-fitting and model reached its convergence.



A person in a red jacket

Description automatically generated

A screen shot of a computer

Description automatically generated

**Testing for another image with fine tuned model ft\_model:**

A person riding a skateboard

Description automatically generated

A screenshot of a computer program

Description automatically generated

**Another Image: Predicting on the whole Test\_set using the fine tuned model called "ft\_model":**

A screenshot of a computer

Description automatically generated

A person holding a knife

Description automatically generated

A close-up of a computer screen

Description automatically generated