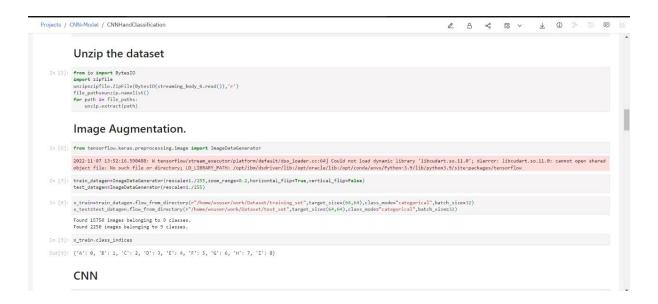
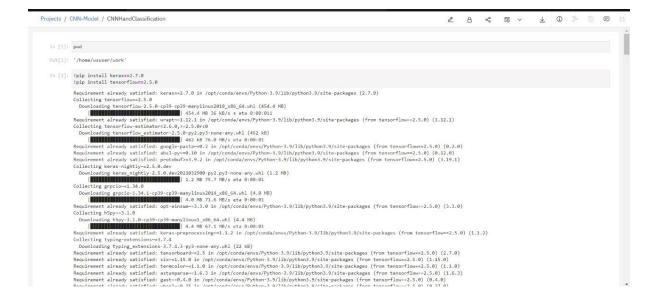
Sprint 2 (Obtain the dataset and train and model creation)

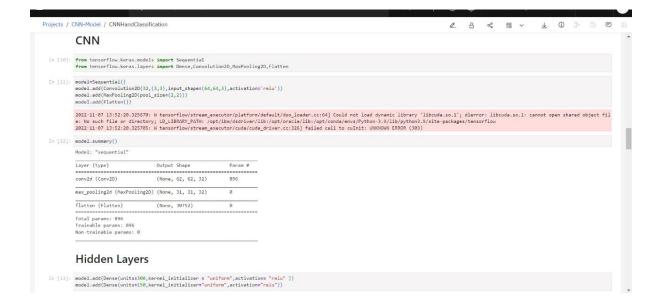
- Using the data set from the zip file and process that dataset into image augmentation and data generator
- Train the data gen and test data gen for the manipulating of the image
- Reshape the images in the target size store In x_train and x_test
- Implementing the Convolution neural networks for classification and using TensorFlow and keras forming a two dimensional layer as max pooling where it a pooling operation that selects the maximum element from the region of the feature map covered by the filter.
- Then the max pooling layer and flatten layer use activation functions **relu** in the hidden layer using filters=32 and max pooling layer =2,2 and then adding hidden layer
- Implementing activating functions providing SoftMax and output compile the model using optimizer -Adam loss



```
Projects / CNN-Model / CNN-Mod
```







Projects / CNN-Model / CNNHandClassification

```
In [13]: model.add(Dense(units:300, karnel_initializer = "uniform", activations "relu"))

Output Layers

In [14]: model.add(Dense(units:0, karnel_initializers"uniforms', activations "relu"))

Compiling the model

In [15]: model.compile(optimizers' adam*, loss:*categorical_crossentropy*, metrics:("accuracy"))

In [16]: model.compile(optimizers' adam*, loss:*categorical_crossentropy*, metrics:("accuracy"))

In [16]: model.fit_generator(_train, steps_per_epochs:03, epochs:20, validation_datasx_test, validation_steps:71)

Application_fit_generator(_bring), steps_per_epochs:03, epochs:20, validation_steps:71)

Application_fit_generator(_bring), steps_per_epochs:03, epochs:20, validation_steps:71)

Application_fit_generator(_bring), steps_per_epochs:03, epochs:04, epo
```