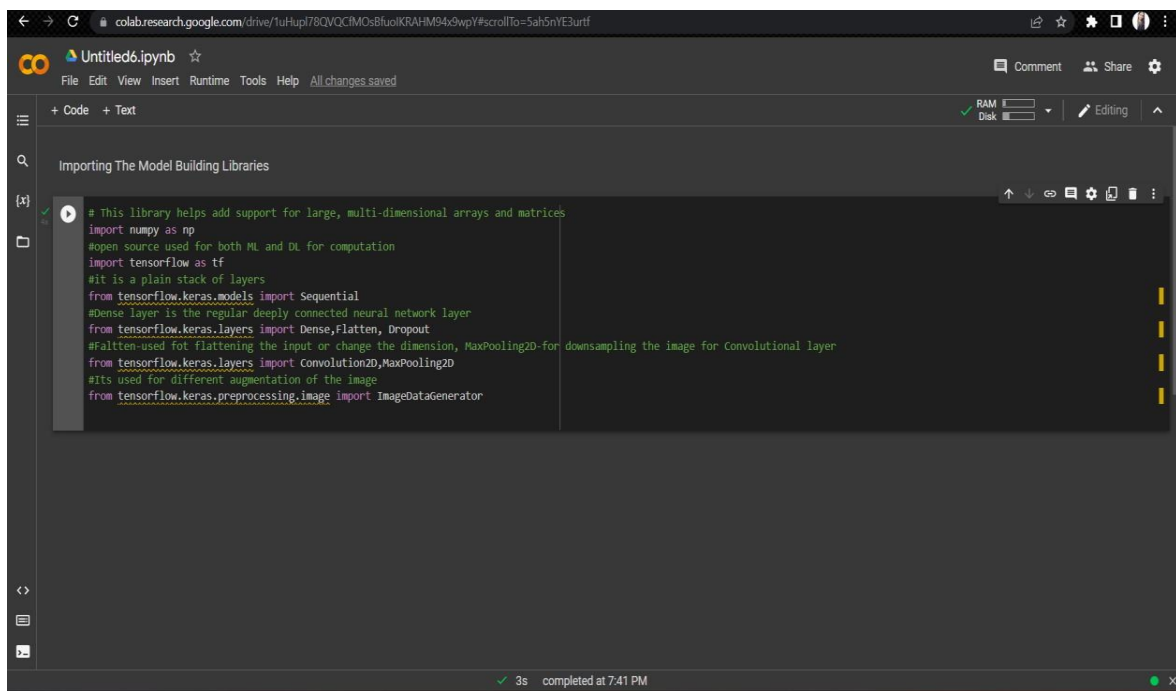


# MODEL BUILDING-IMPORTING THE MODEL BUILDING LIBRARIES

Date	28 October 2022
Team ID	PNT2022TMID29231
Project Name	Project - A Gesture-based Tool for Sterile Browsing of Radiology Images



```
import numpy as np
#open source used for both ML and DL for computation
import tensorflow as tf
#it is a plain stack of layers
from tensorflow.keras.models import Sequential
#Dense layer is the regular deeply connected neural network layer
from tensorflow.keras.layers import Dense, Flatten, Dropout
#flatten-used for flattening the input or change the dimension, MaxPooling2D-for downsampling the image for Convolutional layer
from tensorflow.keras.layers import Convolution2D, MaxPooling2D
#its used for different augmentation of the image
from tensorflow.keras.preprocessing.image import ImageDataGenerator
```