modelMain.py: load the pretrained Torch model saved in Data folder (best.pt) to detect the bounding box; define the camera; define the CNN to classify (four) cells in a detected bounding box

modelPath.py: define the location of the files in the program

modelRS232.py: define RS232 port model to open, send data and close port. The port number is defined in file Data/config.txt

modelStatus.py: define dictionary to convert four-digit box status (e.g. 0001) to meaningful sentences, to be display on screen; define a box of statistics to calculate the stats box on the lower right corner, with pass rate, fail rate, yield rate and the most 3 common types of error