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        "from tensorflow.keras.preprocessing.image import ImageDataGenerator\n",
        "import numpy as np\n",
        "import matplotlib.pyplot as plt\n",
        "import cv2"
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    "from tensorflow.keras.layers import Conv2D, MaxPooling2D\n",
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    "model.add(MaxPooling2D(pool_size=(2,2)))\n",
    "model.add(Flatten())\n",
    "\n",
    "#adding hidden layers\n",
    "model.add(Dense(400, activation='relu'))\n",
    "model.add(Dense(200, activation='relu'))\n",
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    "#Adding the output layer\n",
    "model.add(Dense(9, activation='softmax'))"
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[illegible]

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"Epoch 8/10\n",
"30/30 [=====] - 12s 402ms/step - loss: 0.0124 - accuracy: 0.9960\n",
"Epoch 9/10\n",
"30/30 [=====] - 12s 401ms/step - loss: 0.0070 - accuracy: 0.9987\n",
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    "import cv2"
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    "def detect(frame):\n",
    "    img=image.img_to_array(frame)\n",
    "    img = resize(img,(64,64,1))\n",
    "    img = np.expand_dims(img,axis=0)\n",
    "    pred=np.argmax(model.predict(img))\n",
    "    op=['A','B','C','D','E','F','G','H','I']\n",
    "    print(\"THE PREDICTED LETTER IS \",op[pred])"
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