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        "\n",
        "import cv2 #mporting opencv Library this i to open camera and take
the video\n",
        "import numpy as np # to convert image to array and expand
dimensions\n",
        "from tensorflow.keras.models import load_model # to Load the saved
model\n",
        "from tensorflow.keras.preprocessing import image # to preproccess
the image\n",
        "model = load_model(\"dataset.h5\") # we are loading the saved
moodek\n",
        "video = cv2.VideoCapture(0) # two parameters 1, bool 0 or 1,
frame\n",
        "index = [\"A\",\"B\",\"C\",\"D\",\"E\",\"F\",\"G\",\"H\",\"I\"]\n",
        "index=['A','B','C','D','E','F','G','H','I']\n",
        "#from playsound import playsound\n",
        "while(1):\n",
        "    success,frame = video.read()\n",
        "    cv2.imwrite(\"image.jpg\",frame)\n",
        "    img = image.load_img(\"image.jpg\",target_size = (64,64))\n",
        "    x = image.img_to_array(img)\n",
        "    x = np.expand_dims (x,axis = 0)\n",
        "    pred = np.argmax(model.predict(x),axis=1)\n",
        "    p = index [pred[0]]\n",
        "    print(\"predicted letter is: \"+ str(p))\n",
        "    #playSound(\"letter\"+str(str(index [p])+\"is detected\"))\n",
        "    cv2.putText (frame, \"predicted letter is \"+str(p), (100, 100),
cv2. FONT_HERSHEY_SIMPLEX, 1,(0,0,0), 4)\n",
        "    cv2.imshow(\"showcasewindow\", frame)\n",
        "    \n",
        "    if cv2.waitkey(1) & 0xFF == ord('a'):\n",
        "        break\n",
        "video.release()\n",
        "cv2.destroyAllwindows()"
```

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