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      "from tensorflow.keras.preprocessing.image import img_to_array\n",
      "from tensorflow.keras.preprocessing import image\n",
      "from tensorflow.keras.models import load_model\n",
      "import numpy as nps"
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```
      "img=image.load_img(r'/content/drive/MyDrive/DataSet/Dataset Plant
Disease/fruit-dataset/fruit-dataset/test/Peach___Bacterial_spot/002eddd0-
b6b3-474c-be08-423e53e24f82___Rutg._Bact.S
1955.JPG',grayscale=False,target_size=(128,128))"
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        "output_type": "execute_result",
        "data": {
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0x7FDD95F65F90>"
          ],
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```



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},
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      "x=image.img_to_array(img)\n",
      "x=nps.expand_dims(x,axis=0)"
    ],
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```json
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      "pred=(model.predict(x) > 0.5).astype(\"int32\")"
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```json
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            " 'Apple___healthy': 1,\n",
            " 'Corn_(maize)___Northern_Leaf_Blight': 2,\n",
            " 'Corn_(maize)___healthy': 3,\n",
            " 'Peach___Bacterial_spot': 4,\n",
            " 'Peach___healthy': 5}"
          ]
        },
        "metadata": {},
        "execution_count": 30
      }
    ]
  },
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Disease/fruit-dataset/fruit-dataset/test/Peach___Bacterial_spot/002eddd0-
b6b3-474c-be08-423e53e24f82___Rutg._Bact.S
1955.JPG\",target_size=(128,128))\n",
      "x=image.img_to_array(img)\n",
      "x=np.expand_dims(x,axis=0)\n",
      "y=np.argmax(model.predict(x),axis=1)\n",
      "index=['Apple___Black_rot', 'Apple___healthy',
'Corn_(maize)___healthy', 'Corn_(maize)___Northern_Leaf_Blight',
'Peach___Bacterial_spot', 'Peach___healthy']\n",
      "index[y[0]]"
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          "1/1 [==============================] - 0s 24ms/step\n"
        ]
      },
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        "output_type": "execute_result",
        "data": {
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```

```
            "'Peach___Bacterial_spot'"
          ],
          "application/vnd.google.colaboratory.intrinsic+json": {
            "type": "string"
          }
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        "metadata": {},
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    ]
  }
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}
```