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force_remount=True).\n"
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        "drive.mount('/content/drive')\n"
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"x_test=test_datagen.flow_from_directory(r\"/content/drive/MyDrive/AI_IBM/f
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                "\n",
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                "\n",
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                " conv2d (Conv2D)              (None, 62, 62, 32)        896\n",
                "\n",
                " \n",
                "\n",
                " max_pooling2d (MaxPooling2D  (None, 31, 31, 32)        0\n",
                "\n",
                " )\n",
                "\n",
                " \n",
                "\n",
                " flatten (Flatten)            (None, 30752)             0\n",
                "\n",
                " \n",
                "\n",
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packages/ipykernel_launcher.py:1: UserWarning: `Model.fit_generator` is
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which supports generators.\n",
        "  \"\\\"\\\"Entry point for launching an IPython kernel.\n"
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```
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0.6938\n",
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0.7225\n",
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loss: 0.7924 - accuracy: 0.6965 - val_loss: 0.8389 - val_accuracy:
0.6928\n",
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0.7521\n",
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0.8117\n",
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loss: 0.4830 - accuracy: 0.8249 - val_loss: 0.3613 - val_accuracy:
0.8673\n",
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0.8768\n",
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loss: 0.4117 - accuracy: 0.8559 - val_loss: 0.3472 - val_accuracy:
0.8738\n",
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        "180/180 [=====] - 71s 397ms/step -
loss: 0.3892 - accuracy: 0.8631 - val_loss: 0.3314 - val_accuracy:
0.8826\n",
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loss: 0.3441 - accuracy: 0.8726 - val_loss: 0.4008 - val_accuracy:
0.8589\n",
        "Epoch 19/30\n",
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loss: 0.3467 - accuracy: 0.8719 - val_loss: 0.2484 - val_accuracy:
0.9060\n",
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        "180/180 [=====] - 72s 398ms/step -
loss: 0.3327 - accuracy: 0.8758 - val_loss: 0.2234 - val_accuracy:
0.9210\n",
        "Epoch 21/30\n",
        "180/180 [=====] - 73s 403ms/step -
loss: 0.2807 - accuracy: 0.9009 - val_loss: 0.2830 - val_accuracy:
0.9036\n",
        "Epoch 22/30\n",
        "180/180 [=====] - 70s 392ms/step -
loss: 0.2751 - accuracy: 0.9013 - val_loss: 0.2392 - val_accuracy:
0.9141\n",
        "Epoch 23/30\n",
        "180/180 [=====] - 73s 404ms/step -
loss: 0.2549 - accuracy: 0.9097 - val_loss: 0.2221 - val_accuracy:
0.9189\n",
        "Epoch 24/30\n",
        "180/180 [=====] - 72s 399ms/step -
loss: 0.2412 - accuracy: 0.9243 - val_loss: 0.2029 - val_accuracy:
0.9291\n",
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0.9307\n",
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0.9331\n",
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0.9560\n",
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loss: 0.1889 - accuracy: 0.9310 - val_loss: 0.2838 - val_accuracy:
0.9108\n",
        "Epoch 29/30\n",
        "180/180 [=====] - 70s 389ms/step -
loss: 0.2046 - accuracy: 0.9275 - val_loss: 0.2116 - val_accuracy:
0.9307\n",
        "Epoch 30/30\n",
        "180/180 [=====] - 70s 392ms/step -
loss: 0.1886 - accuracy: 0.9372 - val_loss: 0.2091 - val_accuracy:
0.9280\n"
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        "from tensorflow.keras.preprocessing import image"
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        "x=image.img_to_array(img)\n",
        "x=np.expand_dims(x,axis=0)\n",
        "y=np.argmax(model.predict(x),axis=1)\n",
        "# x_train.class_indices\n",
        "index=['daisy','dandelion','rose','sunflower','tulip']\n",
        "index[y[0]]"
    ],
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    },
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        "# **Trained by Team ID : PNT2022TMID17050**"
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```