

```

model=Sequential()

model.add(Convolution2D(32, (3,3), input_shape=(128,128,3), activation='relu'))

model.add(MaxPooling2D(pool_size=(2,2)))

model.add(Flatten())

model.save(r'C:\Users\uma25\project\flask\uploads\fruit.h5')

```

```

model.summary()
Model: "sequential"

```

| Layer (type)                 | Output Shape         | Param # |
|------------------------------|----------------------|---------|
| conv2d (Conv2D)              | (None, 126, 126, 32) | 896     |
| max_pooling2d (MaxPooling2D) | (None, 63, 63, 32)   | 0       |
| flatten (Flatten)            | (None, 127008)       | 0       |
| dense (Dense)                | (None, 40)           | 5080360 |
| dense_1 (Dense)              | (None, 70)           | 2870    |
| dense_2 (Dense)              | (None, 6)            | 426     |
| Total params: 5,084,552      |                      |         |
| Trainable params: 5,084,552  |                      |         |
| Non-trainable params: 0      |                      |         |