```
from google.colab import files
import os

input_path = "/content/input_images/"
output_path = "/content/output_images/"

os.makedirs(input_path, exist_ok=True)
os.makedirs(output_path, exist_ok=True)

print("📁 Folders created!")
print("📤 Now upload your 5 images.")
```

```
📁 Folders created!
📤 Now upload your 5 images.
```

```
uploaded = files.upload()
```

```
<IPython.core.display.HTML object>
```

```
Saving fresh fruits 2.jpeg to fresh fruits 2.jpeg
Saving fresh fruit 1.jpg to fresh fruit 1.jpg
Saving fresh fruit 3.jpg to fresh fruit 3.jpg
Saving fresh fruit 4.jpg to fresh fruit 4.jpg
Saving fresh fruit 5.jpg to fresh fruit 5.jpg
```

```
for filename in uploaded.keys():
    os.rename(filename, input_path + filename)

print("✔ Images uploaded to:", input_path)
```

```
✔ Images uploaded to: /content/input_images/
```

```
from tensorflow.keras.preprocessing.image import ImageDataGenerator,
img_to_array, load_img

datagen = ImageDataGenerator(
    rotation_range=30,
    width_shift_range=0.2,
    height_shift_range=0.2,
    zoom_range=0.2,
    shear_range=0.2,
    horizontal_flip=True
)

for img_name in os.listdir(input_path):
  img = load_img(os.path.join(input_path, img_name))
  x = img_to_array(img)
  x = x.reshape((1,) + x.shape)

  i = 0
  for batch in datagen.flow(
            x,
```

```
            batch_size=1,
            save_to_dir=output_path,
            save_prefix="aug",
            save_format="jpg"):

        i += 1
        if i >= 10:
            break

print("✅ Image augmentation complete!")
print("📂 Check your augmented images in:", output_path)
```

```
✅ Image augmentation complete!
📂 Check your augmented images in: /content/output_images/
```

```
import shutil

zip_path = "/content/augmented_images.zip"
shutil.make_archive("/content/augmented_images", 'zip', output_path)

print("📦 Ready to download: augmented_images.zip")

files.download(zip_path)
```

```
📦 Ready to download: augmented_images.zip

<IPython.core.display.Javascript object>

<IPython.core.display.Javascript object>
```