```
clc; clear all; close all;
img1 = imread('../Images/Dry01.jpeg');
imshow(img1)
```

```
imfinfo('../Images/Dry01.jpeg')
```

```
ans = struct with fields:
           Filename: 'D:\AppliedMathStudy\Machine Learning\Seed Study\Images\Dry01.jpeg'
        FileModDate: '10-Oct-2022 00:20:04'
           FileSize: 296708
             Format: 'jpg'
      FormatVersion: ''
              Width: 1599
             Height: 738
           BitDepth: 24
          ColorType: 'truecolor'
    FormatSignature: ''
    NumberOfSamples: 3
       CodingMethod: 'Huffman'
      CodingProcess: 'Progressive'
            Comment: {}
```

```
figure(1)
a = imresize(img1,.5)
```

```
a = 369×800×3 uint8 array
a(:,:,1) =

   214   216   215   216   217   216   182    98    53    90   210   218   210   209   195   183   188   161   172
     ⋮
```

```
imwrite(a,'resize0.5.jpg')
b = imresize(img1,0.75)
```

```
b = 554×1200×3 uint8 array
b(:,:,1) =

   210   216   217   213   212   215   217   220   216   206   166   106    57    56   107   217   222   210   212
     ⋮
```

```
imwrite(b,'resize0.75.jpg')
imfinfo('resize0.5.jpg')
```

```
ans = struct with fields:
           Filename: 'D:\AppliedMathStudy\Machine Learning\Seed Study\01 Image Read Write\resize0.5.jpg'
        FileModDate: '10-Oct-2022 00:39:30'
           FileSize: 97169
             Format: 'jpg'
      FormatVersion: ''
              Width: 800
             Height: 369
           BitDepth: 24
          ColorType: 'truecolor'
    FormatSignature: ''
    NumberOfSamples: 3
       CodingMethod: 'Huffman'
      CodingProcess: 'Sequential'
            Comment: {}
```

```
imfinfo('resize0.75.jpg')
```

```
ans = struct with fields:
           Filename: 'D:\AppliedMathStudy\Machine Learning\Seed Study\01 Image Read Write\resize0.75.jpg'
        FileModDate: '10-Oct-2022 00:39:31'
           FileSize: 191566
             Format: 'jpg'
      FormatVersion: ''
              Width: 1200
             Height: 554
           BitDepth: 24
          ColorType: 'truecolor'
    FormatSignature: ''
    NumberOfSamples: 3
       CodingMethod: 'Huffman'
      CodingProcess: 'Sequential'
            Comment: {}
```

```
subplot(2,1,1)
imshow(a)
subplot(2,1,2)
imshow(b)
```