# MATLAB

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Course Code: Image Processing and Analysis

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22nd February, 2022

# MATLAB Implementation

## Reading Images:

```
Editor - C:\Users\Maimoona Khilji\Documents\MATLAB\Task01.m
Task01.m  ×  +
1    %Reading Images:
2    f = imread('Lenna_Grayscale.jpg')
3    %Or
4    f = imread('C:\Users\Maimoona Khilji\Documents\Lenna_Grayscale.jpg')
5
```

```
Command Window
124  119  112  105   98   89   77   68   62   59   55   52   51   52   52   53
125  118  108  100   92   81   69   60   57   57   55   51   48   51   59   65
117  112  105   97   87   73   61   54   49   56   62   59   53   58   73   88
112  106   99   90   77   62   54   53   46   53   60   63   65   72   85   95
112  101   88   76   63   51   49   53   50   49   53   63   78   88   91   90
108   92   75   64   56   48   46   50   54   52   57   71   88   99   99   95
 99   82   65   59   56   50   46   46   53   59   69   82   93  102  108  110
```

## Image Size:

```
Task01.m  ×  +
1    %Reading Images:
2    f = imread('Lenna_Grayscale.jpg')
3    %Or
4    f = imread('C:\Users\Maimoona Khilji\Documents\Lenna_Grayscale.jpg')
5
6    %Image Size:
7    size(f)
8    [M,N]=size(f)
9    whos f
10
```
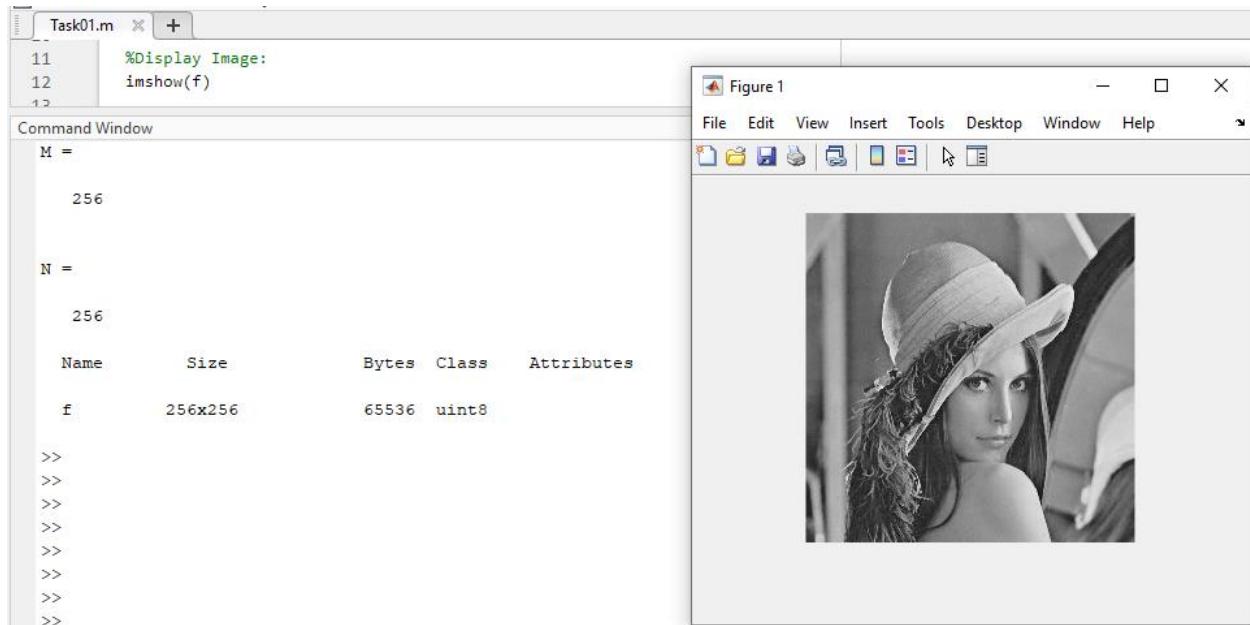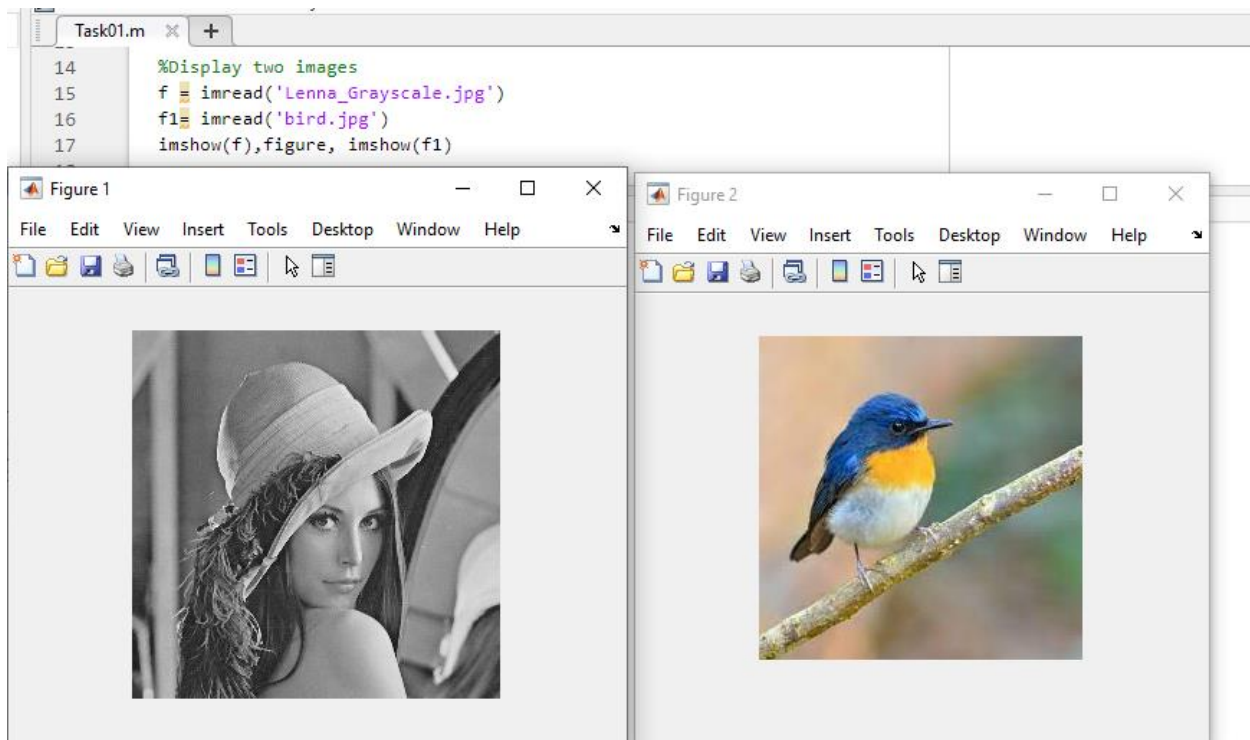
```
Command Window
  M =

     256


  N =

     256

    Name          Size                Bytes  Class     Attributes

     f          256x256               65536  uint8

fx >>
```
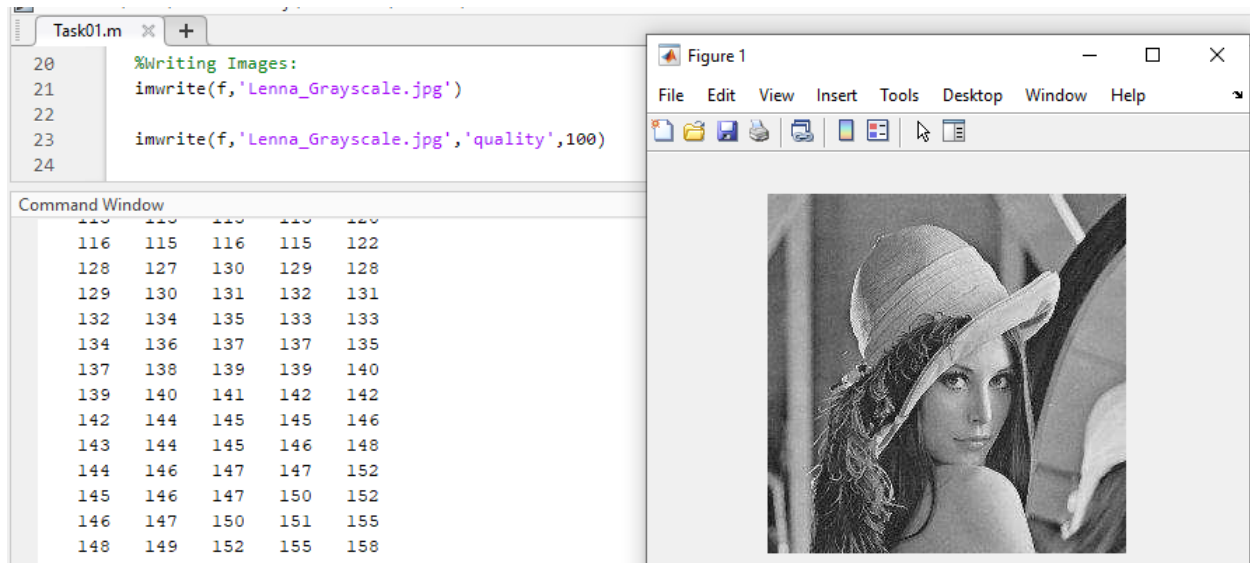
**Display Image:**



**Display two Images:**

**Writing Image:**



**Information of Image:**