```
%Corner detection using HARRIS corner detector
```

```
I = imread('corner.jpg')
```

```
I = 5×5×3 uint8 array
I(:,:,1) =

   255   245   255     0     4
   231   240   255     0    13
   255   255   239     8     0
     0    11    14     0     4
    24    18     0     6     7


I(:,:,2) =

   255   245   255     0     4
   231   240   255     0    13
   255   255   239     8     0
     0    11    14     0     4
    24    18     0     6     7


I(:,:,3) =

   255   245   255     0     4
   231   240   255     0    13
   255   255   239     8     0
     0    11    14     0     4
    24    18     0     6     7
```

```
I = im2gray(I)
```

```
I = 5×5 uint8 matrix
   255   245   255     0     4
   231   240   255     0    13
   255   255   239     8     0
     0    11    14     0     4
    24    18     0     6     7
```

```
imshow(I, InitialMagnification=2000)
```

```
corners = detectHarrisFeatures(I,"FilterSize",3);
```

```
imshow(I, InitialMagnification=2000);hold on;
plot(corners.selectStrongest(1))
```