

Code:

```
function browse_image(app, event)
    global I;
    [filename,filepath]=uigetfile({'*.*;*.jpg;*.png;*.oct;*.bmp'}, 'select file to open');
    image=[filepath,filename];
    I=imread(image);
    imagesc(app.UIAxes,I);
end

% Button pushed function: apply_kmeansButton
function apply_kmeans(app, event)
    global I;
    I1=im2gray(I);
    [L,centers]=imsegkmeans(I1,5);
    b=labeloverlay(I1,L);
    imagesc(app.UIAxes2,b);
end
```

Output:

