

Code:

```
function browse(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
% Clicked callback: DropDown
function DropDownClicked(app, event)
    item = event.InteractionInformation.Item;
    value=app.DropDown.Value;
    global I;
    se = strel("line", 7, 7);
    if strcmp(value,'open')
        I1=imopen(I,se);
        imagesc(app.UIAxes2,I1);
    elseif strcmp(value,'close')
        I1=imclose(I,se);
        imagesc(app.UIAxes2,I1);
    elseif strcmp(value,'erode')
        I1=imerode(I,se);
        imagesc(app.UIAxes2,I1);
    elseif strcmp(value,'dilate')
        I1=imdilate(I,se);
        imagesc(app.UIAxes2,I1);
    else
        imagesc(app.UIAxes2,I);
        title("original image");
    end
end
end
```

Output:

