MATLAB ASSIGNMENT 3

Use a combination of image processing techniques learned so far to write a MATLAB script whose goal is to produce a quantitative estimate of the amount (in %) of soft metastasis that might be present in the image of a tissue1 Your script should take as input a color image such as the three sample images below (available on Blackboard) and produce a single line of text as follows:

Batch process utilized to obtain all the *tif files within the driectory

```
clear;close all;clc;
images = dir('*.tif');
images(1).name;
```

Process all the files found in the directory

```
numImg = length(images);
imgMatrix = zeros(numImg,1);
for x=1:numImg;
```

Utilize function to estimate the amount of soft meastasis in th eimage

```
     imgMatrix(x) = MetsFunction_HW3(images(x).name);
```

```
Image (MetsA.tif): 9.9%
```

```
Image (MetsB.tif): 1.56%
```

```
Image (MetsC.tif): 0.0798%
```

```
end
```

Published with MATLAB® R2015b