Assignment 2: Image Segmentation (15 Marks) :

- Compute the fore-ground segmentation mask for the attached images: Image1.jpg, Image2.jpg & Image3.jpg
- You can choose any one or a combination of more than one of following techniques:

  1. OpenCV Grab Cut 2. Super-Pixel Methods 3. Spectral Clustering 4. CNN Based Object Detection

- **Do Not** feed any additional user defined input data to assist segmentation. You should use only the given image as input to your system.
- You can use any existing python based library or open source code to design your segmentation system.

What you need to upload: Your_Id.zip

The zip file should contain the following:

- Python code for computing foreground segmentation
- Technical report describing your system along with the segmentation results.
- Segmentation Mask Images : Image1_seg.png, Image2_seg.png & Image3_seg.png.

PS: The segmentation mask images should be of same resolution as that of original images. Your segmentation image will be evaluated for dice coefficient using an automated script. So adhere to the image file formats strictly. A sample image of ground truth mask, Image1_GT.png is also attached for reference.