

Components	Assessed aspect	Test image	Total marks for the component
Component 1	Experiment and analyse the effect of different filtering algorithms (median and Gaussian filtering)	image1.png & image2.png	3
	Discuss the effects of different parameters on the filtering algorithms		
Component 2	Experiment and analyse the effect of different thresholding algorithms (global, Otsu, adaptive thresholding)	image1.png & image2.png	4
	Discuss the effectiveness of different thresholding algorithms on different images		
Component 3	Experiment with the cell image and see what is the best way to obtain a good threhsolding outputs. A perfect result would show all cells (dark or light gray) are extracted accurately and no or little noise is included.	image3.jpg	3