**Justifications of output images**

Image 1:

The extraction is almost accurate, but there are number of minor black patches on the object which is i think due to high white intensity.

Image 2:

For this image the result is accurate due to less variance of colors in the image.

Image 3:

I this the object is croped properly but the background disturbance is high.I think this is because some colors of background pixels matches with the object’s color.

Image 4:

The output of image 4 is accurate.

Image 5:

The output of image 4 is accurate.

Image 6:

The result is around 80% accurate, this can be made more accurate by tuning the range of values, since there is no time i am unable to test more.

Image 7:

The borders are not accurate because of background color and lighting condition

Image 8:

This was harder to determine the ranges of color and it didn’t crop the white object , only croped the blue object.

Image 9:

This had same problem that in image 8, the white object was not detected, this is because white and blue color values has large difference. When i changed the values for white then the blue objects where not detected.

Image 10:

This result was accurate beacuse of good lighting condition and background.

Image 11:

Three objects are detected out of foue the grey object is not detected, i tried a lot by changing the values but the output was same.

Image 12:

The output is with less accuracy this was the toughest one.The quality of image is not that good so, due to this i think result is poor.

Note: Each out is according to the tuned values of the range of hsv as given in readme file.