

# Assignment 1 Q3B

Name:-Sadman Sakib [215916232]

## Indoor



*Figure 1.1 Indoor Image Without White-Balancing*



*Figure 1.2 Indoor Image with White-Balancing*

When you compare both the images you can see the white-balanced indoor image seems bit-duller or more grayed out than the non white-balanced one.

## Outdoor



*Figure 2.1 Outdoor Image Without White-Balancing*



*Figure 2.2 Indoor Image with White-Balancing*

The same issue as the indoor image can be seen here. The flower-pot in the non white-balanced photo looks more radiant than it's white-balanced part.

The white-balancing algorithm makes the normal images look very dull. From the given results above I believe the algorithm I used to white-balance images will be more useful on images and that have excessive brightness or white-points. I have not tested that theory out yet, but I will experiment further later on to see if I'm correct or not.