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## Exercise 10

### Colour Cast and White Balance

Most of this subject I covered in the Art of Photography course. Project 42 being a part of that and Chapter 5 covered the subject.

For this course the following images were taken from my lounge window at dusk. The brief for the exercise was to take the images at a time when the light indoors balanced against that outside. Furthermore to take a set of images using the different white balance settings.

The following pictures were the result:

Auto



The auto setting on the camera tried to balance the outside blue cast and the inside warm cast of the tungsten. It handled well giving an overall bias slightly more towards the interior.

The colour temperature was measured on the raw file as 4950 Kelvin.

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Tungsten

This image with the tungsten white balance set has added blue to the image which has brought the interior light more towards white from its original warm and slightly orange cast. Outside the effect of the additional blue bias has been emphasised. It can clearly be seen against the patio floor. The raw file colour temperature was recorded as 2950 Kelvin



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Shade for white balance:



This final picture was taken using the shade setting. If a picture is taken in the shade then as you will notice outside in this shot there is a lot of blue hue in the darker areas. This is due to the fact that reflected light in shade always carry's this bluish tinge. The shade setting therefore does the opposite to the tungsten white balance and it adds more warmth to the colour temperature. Here the image was recorded at 5500 Kelvin.