The lab report

1. **Introduction**
2. **Observations**

* Few lines about the telescope and the setup
* What different steps did you do? And explain how and why you did them
  + Focus
  + Bias
  + Dark
  + Flat
  + Science images

* Were there any problems? And if you know, how did you solve them?
* Which objects were observed?
* What exposure times did you use? And explain how you decided this.  
   Questions to think of:
  + What was the limiting factor for the length of a single exposure?
  + How does the optimal exposure time depend on the filter and why?

1. **Data reduction**

* What you used for reduction?
* Explain the different steps of the reduction and analysis – flow chart
  + Bias
  + Dark
  + Flat
  + Color image
* Explain why you did the reduction in this order you did
* Explain what is the source for the bias, dark and flats and how you obtain the different frames

1. **Results**

* Values for counts in the bias and dark frames
* Image of the dark current’s dependency on time
* Color image

1. **Discussion**