STRUCTURE OF THE REPORT

* ABSTRACT
* INTRODUCTION
  + Why you need to write this code?
  + What is the motivation for the work done in this project?
* METHOD
  + How the project was carried out?
    - To explain in enough detail what was done and explain that you did it right.
    - Explain the 4th order predictor-corrector method and give a brief reference to the 2nd order predictor-corrector method.
  + Give the maths
    - To include the formulae used in the code. Also include the references for the formulae.
    - Explain the reader what the maths means
  + Explain the code in a generalized way so that it can be used in different languages.
  + The code can be explained in terms of steps in a flowchart. OR
  + Talk to the reader through the steps and then include the flowchart in the appendix.
* RESULTS
  + The evidence for the code to work is given here. The results from the tests need to be mentioned.
  + Milankovic cycles and 3 Body problem (maybe) to be included.
  + Include the figures with the explanation of 2-3 paragraphs in the main text.
* CONCLUSION
  + Summarise the project done.
    - Include the motivation for writing this code.
    - To include the evidence in terms of the results obtained from the tests.
  + Also, to include did the project as per the work plan. Where did you need to change the plan, like extending the time taken for the tasks due to the difficulty, or adding new ones etc.
* APPENDIX
  + The 1st semester report to be included.
  + Also, the flowchart to be included (maybe).
* REFERENCES