**TO DO:**

1st assignment:

* Verlet Integration
* Report:

(Do not put the code in the report!!)

* + Intro (“The aim of this report is to explain our approach to Verlet integration…”): the integration should do these things, etc
  + Implementation (how you have implemented, explain everything you have done and WHY)
  + Results/Values/Tests/Debug (you put your code to test and here you show and prove that it works and it works well) (we’ve done a test to test x, in these conditions, compared to x software or analytical integration, taken a simple scenario

(This part is the important one!!)

* + Conclusion: rerun the intro and see what does, what doesn’t and what to consider or problems. Also, what we have learned about this integration
* Work in teams:
  + Team leader must learn what their resource are: knowing what each member of the team is good at.
  + Define the project: Everyone should know what the project is about and what everyone is doing. And how the team is going to proceed.
  + Main loop: where the work of the project is done: defining the objectives and splitting the work and development phase. Then analysing the current state of the project (what we have produced during the production phase) (what works, what’s wrong, what needs improvement) and then learn and improve and redefine the objectives to continue iterating to reach the final goal.
  + Then the report
* Grading:
  + The bare minimum: 6/10 (just the integration, what he tells us to do)
  + The more we do, the more point (if we implement several forces in the integration and they work, if we plot/add a visual element, extra thing like comparing with other software, etc)
  + Negative: something that doesn’t work or very bad errors
* Deadline: mid-November (2-3 week)
* Job for next week: learn how the integration works