

# Report 1

Arkavo Hait, Sagnik Bhattacharya, Aman Deep Singh

May 29, 2016

## 1 What we have done

Prepared a rough code which would be used in the final program. The Code only applies to one force: Gravity However it is still text based but prints the results unto a text file

## 2 What we will do

Convert the C code to CUDA code to be essential in Parallel computing Create a GUI to make things visual. Add other forces and their effects in the future. We are still workin on the basics of CUDA programming and will covert it to CUDA language soon. Converting the initial code to a function library to ease up the process and debugging