• We are doing md simulation with PBC of a 2d system. We try to verify our result using various benchmark. Configuration data is given in file: config\_benchmark3.txt

## Antik da Result:

## My Result:

```
Arrays are allocated.

Initial force given to system.

Force Disbalence: 0.0000000036204378

arnab@arnab-phys:~/Project_dpl/NVE_PBC_2d_basic$ [

arnab@arnab-phys:~/Project_dpl/NVE_PBC_2d_basic$ gcc md_p
arnab@arnab-phys:~/Project_dpl/NVE_PBC_2d_basic$ ./a.out
Arrays are allocated.

Initial force given to system.

Force Disbalence: 0.00000000036203637

arnab@arnab-phys:~/Project_dpl/NVE_PBC_2d_basic$ [
```

dt check has done in test\_variance.py file.

