

## Lab 7 report

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### Observation

1. Whenever I tried to compile and run the program the output would hang. I tried the kinit command and logged in again. After this, I could execute the programs
2. This lab activity helped me understand more about the MPI routines.
3. Ring program was straight forward and successfully completed it. I tested for different combinations, and it worked fine.
4. Scan program is working as expected.
5. The scatter program is not completely working. The output still shows 0. I could not figure out the logic for assigning `disp[i]` probably which is why the output is still 0.

```
hegde@catron:~/parallelprogramming/lab7$ mpirun -n 4 scatter1
P[0] got 0 items: P[1] got 0 items: P[2] got 0 items: P[3] got 0 items: hegde@catron:~/parallelprogramming/lab7$
```