WIP80 NOTA Training Program Assignment # Assignment-1: For both parrallel computing and notwork a systems. Explain how these technologies are used and why they are important in that contact. Parallel Computing-Parallol Computing plays a concial sole in good world application where Comies mathematical models are used to simulate. Parallel Computing allows these compution to be performed concurrently across multiple processors or Computing notes Real-World Exaple: Weather Forecasting In weather freesting, parallel Computing is used to divide the computational workload into smaller tasks that an objecte simultaneousy on soparete processing units.

Network System:

integral to weather forecasting as they

(A) Page: foculate the exchange of data and inframping between different Components of the stations, satellite, supercomputer and foresting center. Real time observation of automosphose conditions. Network system also enable Collobosation and data sharing among different coeather forecasting grencies and research agencies worldwide. # Parallel Compyting and Notook systems
are essential in weather forecasting for
Several reasons. 20 10 Improve accuracy:
Parallel Compyting allows

meterologist to sun more sophisticated

numinal model with highes resolutions. Fastes processing:Pasallel Comprting accelerate
Computational speed of coenther models. Enhanced Collobosation:Noticest systems facilited
Anta sharing and Collobosation among netorology