WEEK 7 Progress

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Slow week because of mid-week offs.

Started the week by making a list of possible benchmarking tools, adding a small writeup, some papers and other details.

Off on 22-23

Got access to the cluster on Thursday. Managed to log in and set up.   
I am currently learning about the cluster and slurm and other requirements. Doing the following tutorials:  
  
[Using the GWDG Scientific Compute Cluster – An Introduction [GWDG - docs]](https://docs.gwdg.de/doku.php?id=en:services:application_services:high_performance_computing:courses:scc-introductory-course)  
[Using the GWDG Scientific Compute Cluster](https://docs.gwdg.de/lib/exe/fetch.php?media=en:services:application_services:high_performance_computing:courses:parallelkurs.pdf)  
[Running Jobs with Slurm [GWDG - docs]](https://docs.gwdg.de/doku.php?id=en:services:application_services:high_performance_computing:running_jobs_slurm)  
[(35) How to get a deep learning workflow on an NHR GPU cluster [Tutorial] - YouTube](https://www.youtube.com/playlist?list=PLvcoSsXFNRblM4AG5PZwY1AfYEW3EbD9O)  
  
I am pausing the compilation of benchmarks until I manage to run some programs on the cluster. Once done, I can run programs in the background while writing the compilation.

Actions for the following week:

1: Familiarise self with cluster.  
2: Run programs on the cluster.  
3: Modify the Image gen program to make bigger images and add a few more bells and whistles. So, it can possibly be used for benchmarking.   
4: Finish compiling the benchmark list.