ME 459 - Homework 2

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Due 9/30/2021

Problem 1

a.

The SLURM_SUBMIT_DIR is the directory from which the currently running sbatch script was submitted

b.

The Slurm job begins execution in the directory from which the job was submitted, in this case the home directory for my account

c.

SLURM_JOB_ID is the ID of the specific job allocation

d.

It specifies a job array to run simultaneously, in this case jobs 1 through 9.

e.

SLURM_ARRAY_TASK_ID specifies the ID of the job array that was defined with the header #SBATCH −−array=0-9

f.

The header declares that the standard output of the slurm job should be directed to the following "-o", in this case joboutput.out, and that the standard error information of the slurm job should be directed to the file following "-e", in this case joboutput.err

Problems 2 - 4

Scripts submitted electronically.