Goals for this Lab

Gain experience working with the NOTS compute cluster and the Unix shell.

Explore loop parallelism with HJlib and Java Parallel Streams.
Cluster Manager

<table>
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<tr>
<th>Compute Node</th>
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Job Queue

Login Node

Laptop

Laptop

Laptop

sbatch

SSH
Lab handout includes a brief introduction to some useful commands (with pointers to other references).

No required tasks related to the shell for this lab, purely for your benefit.

Feel free to grab a TA if you have questions about the shell.
Loop Parallelism in Image Convolution

Apply a transformation kernel to an image to produce a new image (see the lab handout for a link to more background info).

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-1 & 5 & -1 \\
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\end{pmatrix}
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