Project Title:

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# Introduction

Stage two is about creating algorithms that allow the jobs to be allocated into different servers based on a certain functionality. The functionalities we have been given are First Fit, Best Fit and Worst-fit. The first fit algorithm will allocate the relative job to the first available server which has the correct number of cores, if this fails then the job will be queued for the first unavailable server that fits the core requirements. The Worst fit algorithm will allocate the job to the server with the most cores and is available. If none are available, then the job will be queued to the largest server. The first fit algorithm will allocate the job to the first server with the correct number of cores despite its availability.