Map module

If job is TRUE, enter module
(modify the 'Steps_to_execute variables at the top of the code)

Name your job (f.ex map)

A file is created with YOUR_JOB_NAME. This file will contain the flow of each individual-job related to this job.

For loop that iterates through all samples and inputs. To iterate through samples only, use the @samples table instead of the @samplesInputs table.

For each individual job, create a qsub-like file (in which the job code will be) by copying the qsub header ($scrhead) into the intermediary $QSUBint file.

YOUR CUSTOM CODE GOES HERE

Keep track of job names to ensure job dependencies (see below)

Modify the Targets.txt file to mark the job as '_DONE'

Prepare code for the next iteration ($IterateSH). This iteration depends on the completion of all the current jobs ($myJobsVec)

Submit job to cluster and exit