HANDS-ON 4

Task	Hint
Start the Terminal	
1. Create a script file ‘script1’ as following, change the permission to allow execute and try to execute it # creating a script file # # My first shell script # clear echo "Hello World" # save it as script1 # execute this script	gedit script1 chmod u+x script1 ./script1
2. Create your own pbs script (named scr.pbs) for a job that should run 15 min on 1 node using all the cores, should notify you when begins and ends,the jobs name should be my-test, credits should be used from lp_hpcinfo project The commands that should be executed inside the script: Load the module Python/2.7.14-intel-2018a Check the path of python Go to you $VSC_SCRATCH directory Print the directory and list the files in it Create test123.txt file Execute script1 in your home dir	#!/bin/bash -l #SBATCH --cluster=wice #SBATCH --job-name="my-test" #SBATCH -N 1 #SBATCH --ntasks-per-node=72 #SBATCH -t 15:00 #SBATCH –A lp_hpcinfo #SBATCH --mail-type=BEGIN,END #SBATCH --mail-user=*my.name@kuleuven.be* module load Python/2.7.14-intel-2018a which python cd $VSC_SCRATCH pwd ls touch test123.txt cd $VSC_HOME ./script1
3. Submit your pbs script and analyze output file	qsub scr.pbs