#!/bin/bash

#SBATCH --job-name=xhpl

for n in {1..16}; do

node=$(printf "%02d" $n)

host="compute${node}"

script="run-${node}"

echo "#!/bin/bash" >"$script"

echo "#SBATCH -n 8" >>"$script"

echo "SBATCH --nodelist $host" >>"$script"

echo "module load mpi" >>"$script"

echo "mpirun xhpl > ./batch\_results/test${node}.txt" >>"$script"

sbatch $script

done