Nsection MPI

```
[sgnkunna@login1[barkla] Assigment2]$ vi heat.c
[sgnkunna@login1[barkla] Assigment2]$ sbatch -c 4 -n 4 run-mpi.sh
Submitted batch job 39256644
```

```
[sgnkunna@login1[barkla] Assigment2]$ cat slurm-39256644.out
Node list                      : node080
Number of nodes allocated      : 1 or 1
Number of threads or processes         : 4
Number of processes per node : 4
Requested tasks per node       :
Requested CPUs per task        : 4
Scheduling priority            : 0
Compiling heat.c & temp.c to search.exe
slurmstepd: error: *** JOB 39256644 ON node080 CANCELLED AT 2021-12-23T14:45:49 DUE TO TIME LIMIT ***
[sgnkunna@login1[barkla] Assigment2]$
```