All 5 tests passed:

```
Output from main_q1
[=======] Running 5 tests from 1 test suite.
[----] Global test environment set-up.
[______] 5 tests from gtestTrain
[ RUN ] gtestTrain.small1
Rank 0/1 started on node hpcc-gpu-5-3 [myGPU = 0, nGPUs = 4]
Time for Sequential Training: 0.0256574 seconds
Time for Parallel Training: 0.00529092 seconds
       OK ] gtestTrain.small1 (178 ms)
          ] gtestTrain.small2
Rank 0/1 started on node hpcc-gpu-5-3 [myGPU = 0, nGPUs = 4]
Time for Sequential Training: 0.00903242 seconds
Time for Parallel Training: 0.0116145 seconds
       OK ] gtestTrain.small2 (35 ms)
          ] gtestTrain.small3
Rank 0/1 started on node hpcc-gpu-5-3 [myGPU = 0, nGPUs = 4]
Time for Sequential Training: 0.0706677 seconds
Time for Parallel Training: 0.0915959 seconds
      OK ] gtestTrain.small3 (177 ms)
[ RUN
          ] gtestTrain.medium
Rank 0/1 started on node hpcc-gpu-5-3 [myGPU = 0, nGPUs = 4]
Time for Seguential Training: 0.0508043 seconds
Time for Parallel Training: 0.0409252 seconds
       OK ] gtestTrain.medium (135 ms)
          ] gtestTrain.large
Rank 0/1 started on node hpcc-gpu-5-3 [myGPU = 0, nGPUs = 4]
Time for Sequential Training: 0.337187 seconds
Time for Parallel Training: 0.140228 seconds
       OK ] gtestTrain.large (710 ms)
       ----] 5 tests from gtestTrain (1237 ms total)
  ======== 5 tests from 1 test suite ran. (1237 ms total)
  PASSED 1 5 tests.
[anjiang@hpcc-gpu-5-1 starter-code]$
```

I used the option 1 to implement the loss reduction:

