Output

Iteration 1

Training time for serial code is: 178. 00680899620056 seconds

Training time for 1 workers: 174.7447910308838 seconds

Training time for 2 workers: 167.88549494743347 seconds

Training time for 3 workers: 167.4947531223297 seconds

Training time for 4 workers: 165.08890199661255 seconds

Training time for 5 workers: 169.44201827049255 seconds

Training time for 6 workers: 171.57433104515076 seconds

Training time for 7 workers: 168.91327214241028 seconds

Training time for 8 workers: 167.55857181549072 seconds

Training time for 9 workers: 173.15953016281128 seconds

Training time for 10 workers: 176.92842078208923 seconds

Training time for 11 workers: 170.90809535980225 seconds

Training time for 12 workers: 173.57566332817078 seconds

Training time for 13 workers: 172.31759595870972 seconds

Training time for 14 workers: 174.49727201461792 seconds

Training time for 15 workers: 171.39628386497498 seconds

Training time for 16 workers: 174.04913187026978 seconds

Training time for 17 workers: 180.65356612205505 seconds

Training time for 18 workers: 186.76878476142883 seconds

Training time for 19 workers: 182.18892788887024 seconds

Training time for 20 workers: 174.17697620391846 seconds

Training time for 21 workers: 178.3251247406006 seconds

Training time for 22 workers: 179.29870319366455 seconds

Training time for 23 workers: 180.00657892227173 seconds

Training time for 24 workers: 178.33247303962708 seconds

Training time for 25 workers: 178.40558004379272 seconds

Training time for 26 workers: 181.04651594161987 seconds

Training time for 27 workers: 176.15590691566467 seconds

Training time for 28 workers: 172.7112169265747 seconds

Training time for 29 workers: 189.27257204055786 seconds

Training time for 30 workers: 196.29644894599915 seconds

Iteration 2

Training time for serial code is: 176.5597710609436 seconds

Training time for 1 workers: 170.45554184913635 seconds

Training time for 2 workers: 172.09356427192688 seconds

Training time for 3 workers: 172.50695300102234 seconds

Training time for 4 workers: 184.41161608695984 seconds

Training time for 5 workers: 189.56986618041992 seconds

Training time for 6 workers: 182.61392521858215 seconds

Training time for 7 workers: 179.77614283561707 seconds

Training time for 8 workers: 192.9037868976593 seconds

Training time for 9 workers: 183.21433424949646 seconds

Training time for 10 workers: 188.59113216400146 seconds

Training time for 11 workers: 185.9782440662384 seconds

Training time for 12 workers: 186.12694787979126 seconds

Training time for 13 workers: 179.6565670967102 seconds

Training time for 14 workers: 183.86747980117798 seconds

Training time for 15 workers: 184.88260221481323 seconds

Training time for 16 workers: 175.25447821617126 seconds

Training time for 17 workers: 170.13092684745789 seconds

Training time for 18 workers: 177.98629212379456 seconds

Training time for 19 workers: 172.17314982414246 seconds

Training time for 20 workers: 180.15226793289185 seconds

Training time for 21 workers: 183.72449707984924 seconds

Training time for 22 workers: 184.60166096687317 seconds

Training time for 23 workers: 178.1765508651733 seconds

Training time for 24 workers: 189.8333032131195 seconds

Training time for 25 workers: 181.82843804359436 seconds

Training time for 26 workers: 179.0817620754242 seconds

Training time for 27 workers: 178.36161184310913 seconds

Training time for 28 workers: 181.9782440662384 seconds

Training time for 29 workers: 175.77614283561707 seconds

Training time for 30 workers: 177.77614283561707 seconds

Iteration 3

Training time for serial code is: 180.0215609073639 seconds

Training time for 1 workers: 186.9880998134613 seconds

Training time for 2 workers: 175.30772805213928 seconds

Training time for 3 workers: 176.14331007003784 seconds

Training time for 4 workers: 177.26491284370422 seconds

Training time for 5 workers: 177.6541759967804 seconds

Training time for 6 workers: 174.95713186264038 seconds

Training time for 7 workers: 176.7453908920288 seconds

Training time for 8 workers: 175.88008904457092 seconds

Training time for 9 workers: 173.73473477363586 seconds

Training time for 10 workers: 176.54509592056274 seconds

Training time for 11 workers: 177.26160597801208 seconds

Training time for 12 workers: 177.60577988624573 seconds

Training time for 13 workers: 179.85051369667053 seconds

Training time for 14 workers: 176.8400149345398 seconds

Training time for 15 workers: 179.05255722999573 seconds

Training time for 16 workers: 177.0462930202484 seconds

Training time for 17 workers: 181.36566305160522 seconds

Training time for 18 workers: 183.69880723953247 seconds

Training time for 19 workers: 179.63936805725098 seconds

Training time for 20 workers: 181.84070801734924 seconds

Training time for 21 workers: 181.99016499519348 seconds

Training time for 22 workers: 179.13007998466492 seconds

Training time for 23 workers: 185.35088109970093 seconds

Training time for 24 workers: 177.78096985816956 seconds

Training time for 25 workers: 179.8942790031433 seconds

Training time for 26 workers: 179.61621189117432 seconds

Training time for 27 workers: 177.2784607410431 seconds

Training time for 28 workers: 178.62508416175842 seconds

Training time for 29 workers: 178.5436270236969 seconds

Training time for 30 workers: 178.4235770702362 seconds