**Condition 1:**

Number of threads = 32

Number of skiers = 20000

Number of lifts = 40

Number of runs = 20

=================================================

Result:

Number of successful requests sent: 400000

Number of unsuccessful requests sent: 0

Total run time (wall time) is : 602506.0ms

=================================================

Latency related measurements:

mean response time: 29ms

median response time: 25ms

throughput: 663/s

p99 (99th percentile) response time: 126ms

max response time: 3439ms

**Condition 2:**

Number of threads = 64

Number of skiers = 20000

Number of lifts = 40

Number of runs = 20

=================================================

Result:

Number of successful requests sent: 400000

Number of unsuccessful requests sent: 0

Total run time (wall time) is : 376469.0ms

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Latency related measurements:

mean response time: 42ms

median response time: 37ms

throughput: 1062/s

p99 (99th percentile) response time: 163ms

max response time: 4195ms

**Condition 3:**

Number of threads = 128

Number of skiers = 20000

Number of lifts = 40

Number of runs = 20

=================================================

Result:

Number of successful requests sent: 400000

Number of unsuccessful requests sent: 0

Total run time (wall time) is : 358569.0ms

=================================================

Latency related measurements:

mean response time: 80ms

median response time: 76ms

throughput: 1115/s

p99 (99th percentile) response time: 320ms

max response time: 4388ms

**Condition 4:**

Number of threads = 256

Number of skiers = 20000

Number of lifts = 40

Number of runs = 20

=================================================

Result:

Number of successful requests sent: 400000

Number of unsuccessful requests sent: 0

Total run time (wall time) is : 274501.0ms

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Latency related measurements:

mean response time: 147ms

median response time: 137ms

throughput: 1457/s

p99 (99th percentile) response time: 705ms

max response time: 8356ms