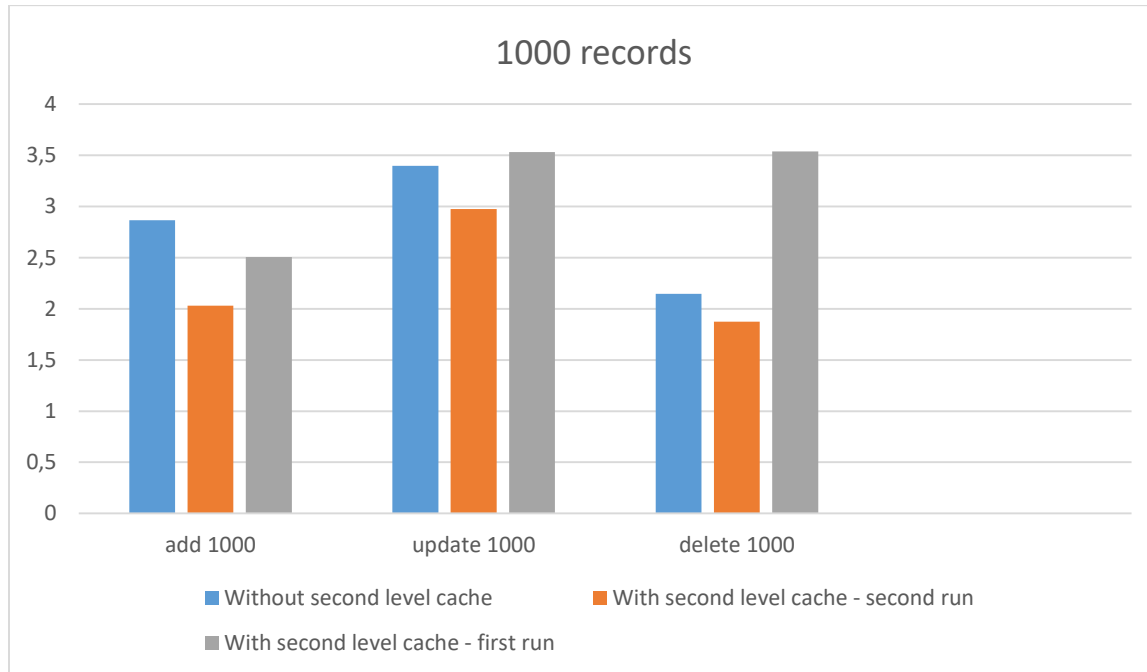


Java Technologies – Homework 8

[Java Persistence Performance] using the second level cache

The operations were made for *CourseEntity* (add/update/delete)



So, after the second run with second level cache activated, the results are visible improved.

(compare between no second level cache activated and, second level cache activated, second run)

For add operation the improvement is 29.1%

For update operation the improvement is 12.42%.

For delete operation the improvement is 12.68%.

(compare between second level cache activated – first and second run)

For add operation the improvement is 18.95%

For update operation the improvement is 15.78%.

For delete operation the improvement is 47.08%.



Same conclusion, as above, the difference is not as big as expected, but still, there is a improvement with second level cache, second run.

(compare between no second level cache activated and, second level cache activated, second run)

For add operation the improvement is 10.64%

For update operation the improvement is 2.23%.

For delete operation the improvement is 1.79%.

(compare between second level cache activated – first and second run)

For add operation the improvement is 5.06%

For update operation the improvement is 0.97%.

For delete operation the improvement is 1.18%.