קלטים של בעיקר 1000 משימות שהוגרלו לא יוניפורמית בסדר מכונות עולה :

"--------------------START 1 from 37--------------------------------"

"input file number 1: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_0.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_0.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_0.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_0.txt: machinesNum=5 jobsNum=1000 lowerBound=18802 upperBound=18802 isOptimal=1"

Content of machines summed (18802, 18802, 18802, 18802, 18801)

input selected: size 1000 sum 94009

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18807, num of machines=5, square root lms=0

"----Comparison for the 0 example----"

"\*\*\*tf from benchmark was 18807(we added the number of machines) and target function from our local search is 18807"

\*\*\*RESULT IS THE SAME

Run time: 465.877 seconds

"Correct (size-numberCorrect):" QMap((1000, 1))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: nan"

"-----------END 1 from 37-----------------------------------------"

"--------------------START 2 from 37--------------------------------"

"input file number 2: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_1.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_1.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_1.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_1.txt: machinesNum=5 jobsNum=1000 lowerBound=18805 upperBound=18805 isOptimal=1"

Content of machines summed (18805, 18805, 18805, 18805, 18802)

input selected: size 1000 sum 94022

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18810, num of machines=5, square root lms=0

"----Comparison for the 1 example----"

"\*\*\*tf from benchmark was 18810(we added the number of machines) and target function from our local search is 18810"

\*\*\*RESULT IS THE SAME

Run time: 0.396 seconds

"Correct (size-numberCorrect):" QMap((1000, 2))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 2 from 37-----------------------------------------"

"--------------------START 3 from 37--------------------------------"

"input file number 3: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_2.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_2.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_2.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_2.txt: machinesNum=5 jobsNum=1000 lowerBound=18802 upperBound=18802 isOptimal=1"

Content of machines summed (18802, 18802, 18802, 18802, 18798)

input selected: size 1000 sum 94006

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18807, num of machines=5, square root lms=0

"----Comparison for the 2 example----"

"\*\*\*tf from benchmark was 18807(we added the number of machines) and target function from our local search is 18807"

\*\*\*RESULT IS THE SAME

Run time: 1.142 seconds

"Correct (size-numberCorrect):" QMap((1000, 3))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 3 from 37-----------------------------------------"

"--------------------START 4 from 37--------------------------------"

"input file number 4: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_3.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_3.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_3.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_3.txt: machinesNum=5 jobsNum=1000 lowerBound=18822 upperBound=18822 isOptimal=1"

Content of machines summed (18822, 18822, 18822, 18822, 18821)

input selected: size 1000 sum 94109

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18827, num of machines=5, square root lms=0

"----Comparison for the 3 example----"

"\*\*\*tf from benchmark was 18827(we added the number of machines) and target function from our local search is 18827"

\*\*\*RESULT IS THE SAME

Run time: 8.477 seconds

"Correct (size-numberCorrect):" QMap((1000, 4))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 4 from 37-----------------------------------------"

"--------------------START 5 from 37--------------------------------"

"input file number 5: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_4.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_4.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_4.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_4.txt: machinesNum=5 jobsNum=1000 lowerBound=18813 upperBound=18813 isOptimal=1"

Content of machines summed (18813, 18813, 18813, 18813, 18809)

input selected: size 1000 sum 94061

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18818, num of machines=5, square root lms=0

"----Comparison for the 4 example----"

"\*\*\*tf from benchmark was 18818(we added the number of machines) and target function from our local search is 18818"

\*\*\*RESULT IS THE SAME

Run time: 0.566 seconds

"Correct (size-numberCorrect):" QMap((1000, 5))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 5 from 37-----------------------------------------"

"--------------------START 6 from 37--------------------------------"

"input file number 6: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_5.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_5.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_5.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_5.txt: machinesNum=5 jobsNum=1000 lowerBound=18825 upperBound=18825 isOptimal=1"

Content of machines summed (18825, 18825, 18825, 18825, 18821)

input selected: size 1000 sum 94121

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18830, num of machines=5, square root lms=0

"----Comparison for the 5 example----"

"\*\*\*tf from benchmark was 18830(we added the number of machines) and target function from our local search is 18830"

\*\*\*RESULT IS THE SAME

Run time: 4.687 seconds

"Correct (size-numberCorrect):" QMap((1000, 6))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 6 from 37-----------------------------------------"

"--------------------START 7 from 37--------------------------------"

"input file number 7: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_6.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_6.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_6.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_6.txt: machinesNum=5 jobsNum=1000 lowerBound=18808 upperBound=18808 isOptimal=1"

Content of machines summed (18808, 18808, 18808, 18808, 18807)

input selected: size 1000 sum 94039

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18813, num of machines=5, square root lms=0

"----Comparison for the 6 example----"

"\*\*\*tf from benchmark was 18813(we added the number of machines) and target function from our local search is 18813"

\*\*\*RESULT IS THE SAME

Run time: 4.078 seconds

"Correct (size-numberCorrect):" QMap((1000, 7))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 7 from 37-----------------------------------------"

"--------------------START 8 from 37--------------------------------"

"input file number 8: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_7.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_7.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_7.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_7.txt: machinesNum=5 jobsNum=1000 lowerBound=18819 upperBound=18819 isOptimal=1"

Content of machines summed (18819, 18819, 18819, 18819, 18818)

input selected: size 1000 sum 94094

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18824, num of machines=5, square root lms=0

"----Comparison for the 7 example----"

"\*\*\*tf from benchmark was 18824(we added the number of machines) and target function from our local search is 18824"

\*\*\*RESULT IS THE SAME

Run time: 0.723 seconds

"Correct (size-numberCorrect):" QMap((1000, 8))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 8 from 37-----------------------------------------"

"--------------------START 9 from 37--------------------------------"

"input file number 9: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_8.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_8.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_8.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_8.txt: machinesNum=5 jobsNum=1000 lowerBound=18821 upperBound=18821 isOptimal=1"

Content of machines summed (18821, 18821, 18821, 18821, 18818)

input selected: size 1000 sum 94102

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18826, num of machines=5, square root lms=0

"----Comparison for the 8 example----"

"\*\*\*tf from benchmark was 18826(we added the number of machines) and target function from our local search is 18826"

\*\*\*RESULT IS THE SAME

Run time: 3.857 seconds

"Correct (size-numberCorrect):" QMap((1000, 9))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 9 from 37-----------------------------------------"

"--------------------START 10 from 37--------------------------------"

"input file number 10: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_05\_9.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_05\_1000\_9.txt"

"\*\*\*Data from file NU\_1\_1000\_05\_9.txt: machinesNum=5 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_05\_1000\_9.txt: machinesNum=5 jobsNum=1000 lowerBound=18806 upperBound=18806 isOptimal=1"

Content of machines summed (18806, 18806, 18806, 18806, 18802)

input selected: size 1000 sum 94026

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 18811, num of machines=5, square root lms=0

"----Comparison for the 9 example----"

"\*\*\*tf from benchmark was 18811(we added the number of machines) and target function from our local search is 18811"

\*\*\*RESULT IS THE SAME

Run time: 41.599 seconds

"Correct (size-numberCorrect):" QMap((1000, 10))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 10 from 37-----------------------------------------"

"--------------------START 11 from 37--------------------------------"

"input file number 11: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_0.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_0.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_0.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_0.txt: machinesNum=10 jobsNum=1000 lowerBound=9410 upperBound=9410 isOptimal=1"

Content of machines summed (9410, 9410, 9410, 9410, 9410, 9410, 9410, 9410, 9410, 9401)

input selected: size 1000 sum 94091

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9420, num of machines=10, square root lms=0

"----Comparison for the 10 example----"

"\*\*\*tf from benchmark was 9420(we added the number of machines) and target function from our local search is 9420"

\*\*\*RESULT IS THE SAME

Run time: 345.141 seconds

"Correct (size-numberCorrect):" QMap((1000, 11))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 11 from 37-----------------------------------------"

"--------------------START 12 from 37--------------------------------"

"input file number 12: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_1.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_1.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_1.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_1.txt: machinesNum=10 jobsNum=1000 lowerBound=9422 upperBound=9422 isOptimal=1"

Content of machines summed (9422, 9422, 9421, 9421, 9421, 9421, 9421, 9421, 9421, 9421)

input selected: size 1000 sum 94212

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9432, num of machines=10, square root lms=0

"----Comparison for the 11 example----"

"\*\*\*tf from benchmark was 9432(we added the number of machines) and target function from our local search is 9432"

\*\*\*RESULT IS THE SAME

Run time: 0.019 seconds

"Correct (size-numberCorrect):" QMap((1000, 12))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 12 from 37-----------------------------------------"

"--------------------START 13 from 37--------------------------------"

"input file number 13: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_2.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_2.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_2.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_2.txt: machinesNum=10 jobsNum=1000 lowerBound=9403 upperBound=9403 isOptimal=1"

Content of machines summed (9403, 9403, 9403, 9403, 9403, 9403, 9403, 9403, 9403, 9397)

input selected: size 1000 sum 94024

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9413, num of machines=10, square root lms=0

"----Comparison for the 12 example----"

"\*\*\*tf from benchmark was 9413(we added the number of machines) and target function from our local search is 9413"

\*\*\*RESULT IS THE SAME

Run time: 294.87 seconds

"Correct (size-numberCorrect):" QMap((1000, 13))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 13 from 37-----------------------------------------"

"--------------------START 14 from 37--------------------------------"

"input file number 14: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_3.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_3.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_3.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_3.txt: machinesNum=10 jobsNum=1000 lowerBound=9397 upperBound=9397 isOptimal=1"

Content of machines summed (9397, 9397, 9397, 9397, 9397, 9397, 9397, 9397, 9397, 9395)

input selected: size 1000 sum 93968

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9407, num of machines=10, square root lms=0

"----Comparison for the 13 example----"

"\*\*\*tf from benchmark was 9407(we added the number of machines) and target function from our local search is 9407"

\*\*\*RESULT IS THE SAME

Run time: 49.827 seconds

"Correct (size-numberCorrect):" QMap((1000, 14))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 14 from 37-----------------------------------------"

"--------------------START 15 from 37--------------------------------"

"input file number 15: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_4.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_4.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_4.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_4.txt: machinesNum=10 jobsNum=1000 lowerBound=9409 upperBound=9409 isOptimal=1"

Content of machines summed (9409, 9409, 9409, 9409, 9409, 9409, 9409, 9409, 9409, 9404)

input selected: size 1000 sum 94085

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9419, num of machines=10, square root lms=0

"----Comparison for the 14 example----"

"\*\*\*tf from benchmark was 9419(we added the number of machines) and target function from our local search is 9419"

\*\*\*RESULT IS THE SAME

Run time: 328.389 seconds

"Correct (size-numberCorrect):" QMap((1000, 15))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 15 from 37-----------------------------------------"

"--------------------START 16 from 37--------------------------------"

"input file number 16: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_5.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_5.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_5.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_5.txt: machinesNum=10 jobsNum=1000 lowerBound=9405 upperBound=9405 isOptimal=1"

Content of machines summed (9405, 9405, 9405, 9405, 9405, 9405, 9405, 9405, 9405, 9401)

input selected: size 1000 sum 94046

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9415, num of machines=10, square root lms=0

"----Comparison for the 15 example----"

"\*\*\*tf from benchmark was 9415(we added the number of machines) and target function from our local search is 9415"

\*\*\*RESULT IS THE SAME

Run time: 743.499 seconds

"Correct (size-numberCorrect):" QMap((1000, 16))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 16 from 37-----------------------------------------"

"--------------------START 17 from 37--------------------------------"

"input file number 17: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_6.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_6.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_6.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_6.txt: machinesNum=10 jobsNum=1000 lowerBound=9389 upperBound=9389 isOptimal=1"

Content of machines summed (9389, 9389, 9389, 9389, 9389, 9389, 9389, 9389, 9389, 9388)

input selected: size 1000 sum 93889

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9399, num of machines=10, square root lms=0

"----Comparison for the 16 example----"

"\*\*\*tf from benchmark was 9399(we added the number of machines) and target function from our local search is 9399"

\*\*\*RESULT IS THE SAME

Run time: 76.758 seconds

"Correct (size-numberCorrect):" QMap((1000, 17))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 17 from 37-----------------------------------------"

"--------------------START 18 from 37--------------------------------"

"input file number 18: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_7.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_7.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_7.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_7.txt: machinesNum=10 jobsNum=1000 lowerBound=9409 upperBound=9409 isOptimal=1"

Content of machines summed (9409, 9409, 9409, 9409, 9409, 9409, 9409, 9409, 9409, 9401)

input selected: size 1000 sum 94082

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9419, num of machines=10, square root lms=0

"----Comparison for the 17 example----"

"\*\*\*tf from benchmark was 9419(we added the number of machines) and target function from our local search is 9419"

\*\*\*RESULT IS THE SAME

Run time: 112.441 seconds

"Correct (size-numberCorrect):" QMap((1000, 18))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 18 from 37-----------------------------------------"

"--------------------START 19 from 37--------------------------------"

"input file number 19: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_8.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_8.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_8.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_8.txt: machinesNum=10 jobsNum=1000 lowerBound=9398 upperBound=9398 isOptimal=1"

Content of machines summed (9398, 9398, 9398, 9398, 9398, 9398, 9398, 9398, 9398, 9398)

input selected: size 1000 sum 93980

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9408, num of machines=10, square root lms=0

"----Comparison for the 18 example----"

"\*\*\*tf from benchmark was 9408(we added the number of machines) and target function from our local search is 9408"

\*\*\*RESULT IS THE SAME

Run time: 361.041 seconds

"Correct (size-numberCorrect):" QMap((1000, 19))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 19 from 37-----------------------------------------"

"--------------------START 20 from 37--------------------------------"

"input file number 20: inputName=C:/algo/h3/docs/benchMark/all/NU\_1\_1000\_10\_9.txt and solutionName=C:/algo/h3/docs/benchMark/all/SOL\_NU\_1\_10\_1000\_9.txt"

"\*\*\*Data from file NU\_1\_1000\_10\_9.txt: machinesNum=10 jobsNum=1000"

"\*\*\*SOLUTION Data from file SOL\_NU\_1\_10\_1000\_9.txt: machinesNum=10 jobsNum=1000 lowerBound=9407 upperBound=9407 isOptimal=1"

Content of machines summed (9407, 9407, 9407, 9407, 9407, 9407, 9407, 9407, 9407, 9400)

input selected: size 1000 sum 94063

startAlg "LPT"

----Our Results-------

best from Our local search found:

target function = 9417, num of machines=10, square root lms=0

"----Comparison for the 19 example----"

"\*\*\*tf from benchmark was 9417(we added the number of machines) and target function from our local search is 9417"

\*\*\*RESULT IS THE SAME

Run time: 306.852 seconds

"Correct (size-numberCorrect):" QMap((1000, 20))

"Mistakes(size-numberMistakes):" QMap()

"Avegare error: 0"

"-----------END 20 from 37-----------------------------------------"