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

"***Data from file U_5_0020_05_0.txt: machinesNum=5 jobsNum=20"
input selected: size 20 sum 500
#########bestSolutionFound just got replaced "Target function=107 Number of Machines=5 . Content:
<50,31,16,5>,<48,32,14,7,1>,<46,33,18,3>,<44,34,12,9>,<42,35,20>" #########
#########bestSolutionFound just got replaced "Target function=106 Number of Machines=5 . Content:
<50,48,3>,<46,44,9,1>,<42,35,18,5>,<34,33,32>,<31,20,16,14,12,7>" #########
1000000 nodes so far ; active 12 ; deleted 999988
2000000 nodes so far ; active 12 ; deleted 1999988
3000000 nodes so far ; active 14 ; deleted 2999986
#########bestSolutionFound just got replaced "Target function=105 Number of Machines=5 . Content:
<50,46,3,1>,<48,35,12,5>,<44,42,14>,<34,32,18,16>,<33,31,20,9,7>" #########
BEST FOUND: "Target function=105 Number of Machines=5 . Content:
<50,46,3,1>,<48,35,12,5>,<44,42,14>,<34,32,18,16>,<33,31,20,9,7>"
nodes seen: 3212917 . run time: 27.155 seconds
----Our Results-------
"tf=105. Machines:<50,46,3,1>,<48,35,12,5>,<44,42,14>,<34,32,18,16>,<33,31,20,9,7>"
Run time: 27.155 seconds
"-----------END 1 from 1--"

הקלטים הנוספים:

1. שלוש מכונות, גדלים 13,6,6,6,9,9.

"-------------------START 1 from 4------------------------------"
"***Data from file U_5_0006_03_1.txt: machinesNum=3 jobsNum=6"
input selected: size 6 sum 49
#########bestSolutionFound just got replaced "Target function=22 Number of Machines=3
. Content: <13,6>,<9,6>,<9,6>" #########
#########bestSolutionFound just got replaced "Target function=21 Number of Machines=3
. Content: <13>,<9,9>,<6,6,6>" #########
BEST FOUND: "Target function=21 Number of Machines=3 . Content:
<13>,<9,9>,<6,6,6>"
nodes seen: 41 . run time: 0 seconds
----Our Results-------
"tf=21. Machines:<13>,<9,9>,<6,6,6>"
Run time: 0 seconds
"-----------END 1 from 4---------------------------------------"

2. ובדומה ארבע מכונות, גדלים 14,13,6,6,6,6,9,9.

"-------------------START 2 from 4------------------------------"
"***Data from file U_5_0008_04_2.txt: machinesNum=4 jobsNum=8"
input selected: size 8 sum 69
#########bestSolutionFound just got replaced "Target function=24 Number of Machines=4
. Content: <14,6>,<13,6>,<9,6>,<9,6>" #########
#########bestSolutionFound just got replaced "Target function=23 Number of Machines=4
. Content: <14>,<13,6>,<9,9>,<6,6,6>" #########
BEST FOUND: "Target function=23 Number of Machines=4 . Content:
<14>,<13,6>,<9,9>,<6,6,6>"
nodes seen: 258 . run time: 0 seconds
----Our Results-------
"tf=23. Machines:<14>,<13,6>,<9,9>,<6,6,6>"
Run time: 0 seconds
"-----------END 2 from 4---------------------------------------"

3. שלוש מכונות, גדלים 3,3,3,4,4,5,5,6,6,7,7,8,8

"-------------------START 3 from 4------------------------------"
"***Data from file U_5_0013_03_3.txt: machinesNum=3 jobsNum=13"
input selected: size 13 sum 69
#########bestSolutionFound just got replaced "Target function=28 Number of Machines=3
. Content: <8,6,5,3,3>,<8,6,5,3>,<7,7,4,4>" #########
#########bestSolutionFound just got replaced "Target function=27 Number of Machines=3
. Content: <8,8,4,3>,<7,7,5,3>,<6,6,5,4,3>" #########
#########bestSolutionFound just got replaced "Target function=26 Number of Machines=3
. Content: <8,8,7>,<7,6,6,4>,<5,5,4,3,3,3>" #########
BEST FOUND: "Target function=26 Number of Machines=3 . Content:
<8,8,7>,<7,6,6,4>,<5,5,4,3,3,3>"
nodes seen: 8 . run time: 0 seconds
----Our Results-------
"tf=26. Machines:<8,8,7>,<7,6,6,4>,<5,5,4,3,3,3>"

Run time: 0 seconds
"-----------END 3 from 4---"

4. שתי מכונות, גדלים 4,5,5,9,10,11,12,14,15,27,32

"--------------------START 4 from 4-------------------------------"
"***Data from file U_5_0011_02_4.txt: machinesNum=2 jobsNum=11"
input selected: size 11 sum 144
##########bestSolutionFound just got replaced "Target function=75 Number of Machines=2
. Content: <32,14,11,9,5>,<27,15,12,10,5,4>" ##########
##########bestSolutionFound just got replaced "Target function=74 Number of Machines=2
. Content: <32,27,9,4>,<15,14,12,11,10,5,5>" ##########
BEST FOUND: "Target function=74 Number of Machines=2 . Content:
<32,27,9,4>,<15,14,12,11,10,5,5>"
nodes seen: 4 . run time: 0 seconds
----Our Results-------
"tf=74. Machines:<32,27,9,4>,<15,14,12,11,10,5,5>"
Run time: 0 seconds
"-----------END 4 from 4---"