"--------------------START 1 from 4--------------------------------"
input selected: (273, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11) size 51 sum 2048
perfectSplit 1026 pMax 274 pigeonholePrinciple 613
#########bestSolutionFound just got replaced "Target function=1031 Number of Machines=2 . Content:
<273,55,53,51,49,47,45,43,41,39,37,35,33,31,29,27,25,23,21,18,17,14,13>,<60,59,58,57,56,54,52,50,48,46,44,42,40,38,36,34,32,30,28,26,24,22,20,19,16,15,12,11>" #########
#########bestSolutionFound just got replaced "Target function=1030 Number of Machines=2 . Content:
<273,60,59,58,48,46,44,42,40,38,36,34,32,30,28,26,24,22,20,18,16,14,12>,<57,56,55,54,53,52,51,50,49,47,45,43,41,39,37,35,33,31,29,27,25,23,21,19,17,15,13,11>" #########
#########bestSolutionFound just got replaced "Target function=1026 Number of Machines=2 . Content:
<273,60,59,58,57,46,44,42,40,38,36,34,32,30,27,26,23,22,19,18,15,14,11>,<56,55,54,53,52,51,50,49,48,47,45,43,41,39,37,35,33,31,29,28,25,24,21,20,17,16,13,12>" #########
BEST FOUND: "Target function=1026 Number of Machines=2 . Content:
<273,60,59,58,57,46,44,42,40,38,36,34,32,30,27,26,23,22,19,18,15,14,11>,<56,55,54,53,52,51,50,49,48,47,45,43,41,39,37,35,33,31,29,28,25,24,21,20,17,16,13,12>"
nodes seen: 10 . run time: 0.001 seconds
"----------END 1 from 4----------------------------------------"
"--------------------START 2 from 4--------------------------------"
input selected: (177, 175, 173, 171, 169, 167, 165, 163, 161, 159, 157, 155, 153, 151, 149, 147, 145, 143, 141, 139, 137, 135, 133, 131, 129, 127, 125, 123, 121, 119, 117, 115, 113, 111, 109, 107, 105, 103, 101, 99, 97, 95, 93, 91, 89, 87, 85, 83, 81, 79, 77) size 51 sum 6477
perfectSplit 3240.5 pMax 178 pigeonholePrinciple 2654
#########bestSolutionFound just got replaced "Target function=3278 Number of Machines=2 . Content:
<177,171,169,163,161,155,153,147,145,139,137,131,129,123,121,115,113,107,105,99,97,91,89,83,81>,<175,173,167,165,159,157,151,149,143,141,135,133,127,125,119,117,111,109,103,101,95,93,87,85,79,77>" #########
#########bestSolutionFound just got replaced "Target function=3274 Number of Machines=2 . Content:
<177,175,173,171,169,155,151,147,143,139,135,131,127,123,119,115,111,107,103,99,95,91,87,83,79>,<167,165,163,161,159,157,153,149,145,141,137,133,129,125,121,117,113,109,105,101,97,93,89,85,81,77>" #########
#########bestSolutionFound just got replaced "Target function=3262 Number of Machines=2 . Content:
<177,175,173,171,169,167,151,147,143,139,135,131,127,123,119,115,111,107,103,99,95,91,87,83,79>,<165,163,161,159,157,155,153,149,145,141,137,133,129,125,121,117,113,109,105,101,97,93,89,85,81,77>" #########

#########bestSolutionFound just got replaced "Target function=3248 Number of Machines=2 . Content: <177,175,173,171,169,167,165,147,143,139,135,131,127,123,119,115,111,107,103,99,95,91,87,83,79>,<163,161,159,157,155,153,151,149,145,141,137,133,129,125,121,117,113,109,105,101,97,93,89,85,81,77>" #########

#########bestSolutionFound just got replaced "Target function=3241 Number of Machines=2 . Content: <177,175,173,171,169,167,165,163,143,139,135,131,127,123,119,115,111,105,103,97,95,89,87,81,79>,<161,159,157,155,153,151,149,147,145,141,137,133,129,125,121,117,113,109,107,101,99,93,91,85,83,77>" #########

BEST FOUND: "Target function=3241 Number of Machines=2 . Content: <177,175,173,171,169,167,165,163,143,139,135,131,127,123,119,115,111,105,103,97,95,89,87,81,79>,<161,159,157,155,153,151,149,147,145,141,137,133,129,125,121,117,113,109,107,101,99,93,91,85,83,77>"

nodes seen: 16 . run time: 0.001 seconds

"-----------END 2 from 4----------------------------------------"

"--------------------START 3 from 4--------------------------------"

input selected: (3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2) size 52 sum 125

perfectSplit 64.5 pMax 4 pigeonholePrinciple 54

#########bestSolutionFound just got replaced "Target function=65 Number of Machines=2 . Content: <3,3,3,3,3,3,3,3,3,3,3,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2>,<3,3,3,3,3,3,3,3,3,3,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2>" #########

"CUTOFF was made on ROOT. job on hand: <3>. lower bound=65 is bigger or equal than best solution so far=65"

"-----------END 3 from 4----------------------------------------"

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

input selected: (8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 8, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6) size 52 sum 364

perfectSplit 184 pMax 9 pigeonholePrinciple 158

#########bestSolutionFound just got replaced "Target function=184 Number of Machines=2 . Content: <8,8,8,8,8,8,8,8,8,8,8,8,8,6,6,6,6,6,6,6,6,6,6,6,6,6>,<8,8,8,8,8,8,8,8,8,8,8,8,8,6,6,6,6,6,6,6,6,6,6,6,6,6>" #########

"CUTOFF was made on ROOT. job on hand: <8>. lower bound=184 is bigger or equal than best solution so far=184"

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