- First input – cutoff on the root node.
    - Looks legit (can't find better then 9)

```
input selected: (1, 1, 1, 1, 1, 1, 2, 2, 2, 2, 2, 2) size 12
       #########bestSolutionFound just got replaced "Target function=9 Number of Machines=6 . Content: <1,2>,<2,1>,<2,1>,<2,1>,<2,1>,<2,1>" #########
        "CUTOFF was made on ROOT. job on hand: <1>. lower bound=9 is bigger or equal than best solution so far=9"
```

- Second input – looks ok

```
input selected: (1, 2, 2, 2, 2, 4, 4, 4, 4) size 9
       #########bestSolutionFound just got replaced "Target function=12 Number of Machines=6 . Content: <1,2>,<4,2>,<4,2>,<4>,<4>,<2>" #########
       #########bestSolutionFound just got replaced "Target function=11 Number of Machines=6 . Content: <1,2,2>,<2,2>,<4>,<4>,<4>,<4>" #########
BEST FOUND:  "Target function=11 Number of Machines=6 . Content: <1,2,2>,<2,2>,<4>,<4>,<4>,<4>"
nodes seen: 21767 . run time:  0.054 seconds
```

- Third input - need to check but i think it's ok

```
input selected: (2, 2, 2, 2, 3, 3, 3, 4, 4, 5, 6) size 11
       #########bestSolutionFound just got replaced "Target function=15 Number of
Machines=6 . Content: <2,3>,<6,3>,<5,2>,<4,2>,<4,2>,<3>" #########
       #########bestSolutionFound just got replaced "Target function=14 Number of
Machines=5 . Content: <2,2,2,2>,<3,3,3>,<4,4>,<6>,<5>" #########
       #########bestSolutionFound just got replaced "Target function=13 Number of
Machines=5 . Content: <2,2,2,2>,<3,3>,<3,5>,<4,4>,<6>" #########
BEST FOUND:  "Target function=13 Number of Machines=5 . Content:
<2,2,2,2>,<3,3>,<3,5>,<4,4>,<6>"
nodes seen: 560330 . run time:  1.298 seconds
```