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| Test | R | Solution |
| 1 | R: 69.8512 | Phuong an cuoi cung:  18 groups  Group 1: 1 4 -- W: 1, S: 1, T: 72, Nc: 1.03076 YES  Group 2: 2 3 14 -- W: 2, S: 1, T: 124, Nc: 1.7752 YES  Group 3: 5 -- W: 1, S: 0, T: 37, Nc: 0.529697 NO  Group 4: 6 -- W: 1, S: 0, T: 32, Nc: 0.458116 NO  Group 5: 7 -- W: 1, S: 0, T: 45, Nc: 0.644226 NO  Group 6: 8 -- W: 1, S: 0, T: 63, Nc: 0.901917 YES  Group 7: 9 -- W: 1, S: 0, T: 63, Nc: 0.901917 YES  Group 8: 10 -- W: 2, S: 0, T: 126, Nc: 1.80383 YES  Group 9: 11 -- W: 2, S: 0, T: 115, Nc: 1.64636 NO  Group 10: 12 -- W: 1, S: 0, T: 56, Nc: 0.801704 NO  Group 11: 13 -- W: 1, S: 0, T: 60, Nc: 0.858968 YES  Group 12: 15 -- W: 2, S: 0, T: 105, Nc: 1.50319 NO  Group 13: 16 -- W: 2, S: 0, T: 105, Nc: 1.50319 NO  Group 14: 17 18 -- W: 2, S: 1, T: 157, Nc: 2.24763 YES  Group 15: 19 -- W: 2, S: 0, T: 115, Nc: 1.64636 NO  Group 16: 20 -- W: 1, S: 0, T: 60, Nc: 0.858968 YES  Group 17: 21 -- W: 1, S: 0, T: 21, Nc: 0.300639 NO  Group 18: 22 23 -- W: 1, S: 1, T: 60, Nc: 0.858968 YES  25 workers, 4 saved, 50% |
| 2 | R: 50.9576 | Phuong an cuoi cung:  22 groups  Group 1: 1 13 -- W: 1, S: 1, T: 45, Nc: 0.883087 YES  Group 2: 2 -- W: 1, S: 0, T: 48, Nc: 0.94196 YES  Group 3: 3 6 -- W: 1, S: 1, T: 50, Nc: 0.981208 YES  Group 4: 4 -- W: 1, S: 0, T: 54, Nc: 1.0597 YES  Group 5: 5 -- W: 2, S: 0, T: 114, Nc: 2.23715 YES  Group 6: 7 -- W: 1, S: 0, T: 55, Nc: 1.07933 YES  Group 7: 8 -- W: 1, S: 0, T: 57, Nc: 1.11858 YES  Group 8: 9 10 -- W: 1, S: 1, T: 56, Nc: 1.09895 YES  Group 9: 11 12 -- W: 2, S: 1, T: 107, Nc: 2.09979 YES  Group 10: 14 16 -- W: 1, S: 1, T: 45, Nc: 0.883087 YES  Group 11: 15 -- W: 1, S: 0, T: 35, Nc: 0.686846 NO  Group 12: 17 -- W: 1, S: 0, T: 53, Nc: 1.04008 YES  Group 13: 18 -- W: 1, S: 0, T: 55, Nc: 1.07933 YES  Group 14: 19 -- W: 2, S: 0, T: 100, Nc: 1.96242 YES  Group 15: 20 -- W: 1, S: 0, T: 45, Nc: 0.883087 YES  Group 16: 21 -- W: 2, S: 0, T: 102, Nc: 2.00166 YES  Group 17: 22 -- W: 1, S: 0, T: 56, Nc: 1.09895 YES  Group 18: 23 -- W: 2, S: 0, T: 96, Nc: 1.88392 YES  Group 19: 24 26 -- W: 2, S: 1, T: 113, Nc: 2.21753 YES  Group 20: 25 -- W: 1, S: 0, T: 51, Nc: 1.00083 YES  Group 21: 27 28 -- W: 1, S: 1, T: 49, Nc: 0.961584 YES  Group 22: 29 30 -- W: 1, S: 1, T: 30, Nc: 0.588725 NO  28 workers, 8 saved, 90.9091% |
| 3 | R: 67.5 | Phuong an cuoi cung:  25 groups  Group 1: 1 2 -- W: 1, S: 1, T: 56, Nc: 0.82963 NO  Group 2: 3 4 13 -- W: 2, S: 1, T: 134, Nc: 1.98519 YES  Group 3: 5 6 -- W: 2, S: 1, T: 134, Nc: 1.98519 YES  Group 4: 7 -- W: 1, S: 0, T: 58, Nc: 0.859259 YES  Group 5: 8 30 -- W: 2, S: 1, T: 131, Nc: 1.94074 YES  Group 6: 9 21 -- W: 2, S: 1, T: 123, Nc: 1.82222 YES  Group 7: 10 -- W: 1, S: 0, T: 46, Nc: 0.681481 NO  Group 8: 11 17 -- W: 1, S: 1, T: 59, Nc: 0.874074 YES  Group 9: 12 -- W: 1, S: 0, T: 63, Nc: 0.933333 YES  Group 10: 14 -- W: 2, S: 0, T: 115, Nc: 1.7037 NO  Group 11: 15 20 -- W: 2, S: 1, T: 120, Nc: 1.77778 YES  Group 12: 16 -- W: 1, S: 0, T: 37, Nc: 0.548148 NO  Group 13: 18 -- W: 1, S: 0, T: 63, Nc: 0.933333 YES  Group 14: 19 -- W: 2, S: 0, T: 110, Nc: 1.62963 NO  Group 15: 22 -- W: 1, S: 0, T: 50, Nc: 0.740741 NO  Group 16: 23 -- W: 2, S: 0, T: 110, Nc: 1.62963 NO  Group 17: 24 -- W: 2, S: 0, T: 100, Nc: 1.48148 NO  Group 18: 25 -- W: 2, S: 0, T: 102, Nc: 1.51111 NO  Group 19: 26 -- W: 2, S: 0, T: 101, Nc: 1.4963 NO  Group 20: 27 -- W: 1, S: 0, T: 60, Nc: 0.888889 YES  Group 21: 28 -- W: 1, S: 0, T: 68, Nc: 1.00741 YES  Group 22: 29 -- W: 2, S: 0, T: 120, Nc: 1.77778 YES  Group 23: 31 32 -- W: 2, S: 0, T: 84, Nc: 1.24444 NO  Group 24: 33 34 -- W: 1, S: 1, T: 60, Nc: 0.888889 YES  Group 25: 35 -- W: 1, S: 0, T: 32, Nc: 0.474074 NO  38 workers, 8 saved, 52% |
| 4 | R: 30.647 | Phuong an cuoi cung:  27 groups  Group 1: 1 8 -- W: 1, S: 1, T: 28, Nc: 0.91363 YES  Group 2: 2 -- W: 1, S: 0, T: 14, Nc: 0.456815 NO  Group 3: 3 9 -- W: 1, S: 1, T: 35, Nc: 1.14204 YES  Group 4: 4 -- W: 1, S: 0, T: 29, Nc: 0.94626 YES  Group 5: 5 26 27 -- W: 2, S: 1, T: 68, Nc: 2.21882 YES  Group 6: 6 28 -- W: 2, S: 0, T: 55, Nc: 1.79463 YES  Group 7: 7 16 -- W: 1, S: 1, T: 35, Nc: 1.14204 YES  Group 8: 10 13 -- W: 1, S: 1, T: 34, Nc: 1.10941 YES  Group 9: 11 42 -- W: 2, S: 1, T: 64, Nc: 2.0883 YES  Group 10: 12 25 -- W: 1, S: 1, T: 32, Nc: 1.04415 YES  Group 11: 14 23 35 -- W: 1, S: 2, T: 33, Nc: 1.07678 YES  Group 12: 15 -- W: 1, S: 0, T: 29, Nc: 0.94626 YES  Group 13: 17 29 -- W: 1, S: 1, T: 35, Nc: 1.14204 YES  Group 14: 18 30 -- W: 1, S: 1, T: 35, Nc: 1.14204 YES  Group 15: 19 -- W: 1, S: 0, T: 35, Nc: 1.14204 YES  Group 16: 20 24 -- W: 1, S: 1, T: 30, Nc: 0.97889 YES  Group 17: 21 36 -- W: 2, S: 1, T: 58, Nc: 1.89252 YES  Group 18: 22 31 -- W: 1, S: 1, T: 30, Nc: 0.97889 YES  Group 19: 32 -- W: 1, S: 0, T: 28, Nc: 0.91363 YES  Group 20: 33 -- W: 1, S: 0, T: 28, Nc: 0.91363 YES  Group 21: 34 37 -- W: 2, S: 1, T: 58, Nc: 1.89252 YES  Group 22: 38 -- W: 1, S: 0, T: 32, Nc: 1.04415 YES  Group 23: 39 -- W: 1, S: 0, T: 28, Nc: 0.91363 YES  Group 24: 40 -- W: 1, S: 0, T: 31, Nc: 1.01152 YES  Group 25: 41 -- W: 1, S: 0, T: 29, Nc: 0.94626 YES  Group 26: 43 44 -- W: 1, S: 1, T: 30, Nc: 0.97889 YES  Group 27: 45 46 47 -- W: 1, S: 2, T: 29, Nc: 0.94626 YES  32 workers, 18 saved, 96.2963% |
| 5 | R: 27.0444 | Phuong an cuoi cung:  28 groups  Group 1: 1 6 -- W: 1, S: 1, T: 27.2, Nc: 1.00575 YES  Group 2: 2 10 16 -- W: 2, S: 1, T: 59.4, Nc: 2.19639 YES  Group 3: 3 -- W: 1, S: 0, T: 28.4, Nc: 1.05013 YES  Group 4: 4 5 22 -- W: 2, S: 2, T: 57.8, Nc: 2.13723 YES  Group 5: 7 24 -- W: 1, S: 1, T: 30.6, Nc: 1.13147 YES  Group 6: 8 9 -- W: 1, S: 1, T: 28.3, Nc: 1.04643 YES  Group 7: 11 31 -- W: 2, S: 1, T: 54.8, Nc: 2.0263 YES  Group 8: 12 -- W: 1, S: 0, T: 31.1, Nc: 1.14996 YES  Group 9: 13 19 -- W: 1, S: 1, T: 26.1, Nc: 0.96508 YES  Group 10: 14 20 -- W: 1, S: 1, T: 27.9, Nc: 1.03164 YES  Group 11: 15 -- W: 1, S: 0, T: 29.6, Nc: 1.0945 YES  Group 12: 17 -- W: 1, S: 0, T: 23.2, Nc: 0.857849 YES  Group 13: 18 21 -- W: 2, S: 1, T: 55.8, Nc: 2.06327 YES  Group 14: 23 -- W: 1, S: 0, T: 28.1, Nc: 1.03903 YES  Group 15: 25 26 -- W: 1, S: 1, T: 26.3, Nc: 0.972475 YES  Group 16: 27 28 -- W: 1, S: 1, T: 25.2, Nc: 0.931802 YES  Group 17: 29 -- W: 1, S: 0, T: 23.3, Nc: 0.861547 YES  Group 18: 30 -- W: 3, S: 0, T: 75, Nc: 2.77322 YES  Group 19: 32 33 -- W: 2, S: 1, T: 47.3, Nc: 1.74898 NO  Group 20: 34 -- W: 2, S: 0, T: 38.7, Nc: 1.43098 NO  Group 21: 35 36 -- W: 2, S: 1, T: 46.3, Nc: 1.712 NO  Group 22: 37 -- W: 1, S: 0, T: 27, Nc: 0.998359 YES  Group 23: 38 40 -- W: 1, S: 1, T: 14.8, Nc: 0.547249 NO  Group 24: 39 51 52 -- W: 1, S: 2, T: 25, Nc: 0.924406 YES  Group 25: 41 48 -- W: 1, S: 1, T: 27.4, Nc: 1.01315 YES  Group 26: 42 49 50 -- W: 2, S: 2, T: 50.3, Nc: 1.85991 YES  Group 27: 43 44 45 -- W: 1, S: 2, T: 28.7, Nc: 1.06122 YES  Group 28: 46 47 -- W: 1, S: 1, T: 26.6, Nc: 0.983568 YES  38 workers, 23 saved, 85.7143% |