

cat input: 7 x (5, 87), 3 x (4, 87), 7 x (12, 87), 5 x (11, 87), 6 x (23, 87), 2 x (24, 87), 4 x (46, 87), 4 x (47, 87), (92, 87), (93, 87), (96, 87)