Input	Output
6	No
0	
1	
2	
3	
4	
4 5	
10	
0 2 1	
0 10 2	
1 0.8 3	
2 0. 25 3	
2 0.5 5	
3 1. 25 1	
3 0.5 4	
3 1.5 5	
4 2 1	
4 1.1 5	
6	Yes
0	
1	
2	
3	
4	
5	
10	
0 2 1	
0 10 2	
1 0.8 3	
2 0. 25 3	
2 0. 5 5	
3 1.5 1	
3 0.5 4	
3 1.5 5	
4 2 1	
4 1.1 5	
2 0. 25 3 2 0. 5 5 3 1. 5 1 3 0. 5 4 3 1. 5 5 4 2 1 4 1. 1 5	