

Goal 6 – Turns



As we know, the harvester has a large turning circle. When harvesting circularly, the remaining row in the center cannot be harvested by just any harvesting unit, but with the harvesting unit that is inside the curve (in a curve to the right, this is the right harvesting unit; in a curve to the left, this is the left harvesting unit). This guarantees that the harvester always takes the largest possible turn. If a harvesting unit outside the field or has already been harvested, it should show up in the result as „0“.



Input: 7 4 1 1 0 2 2

Output: 1 5 2 6 3 7 4 8 28 24 27 23 26 22 25 21 9 13 10 14 11 15 12 16 0 20 0 19 0 18 0 17

Goal 6 – Examples



Example 1:

Input: 5 4 1 1 O S 2

Output: 1 5 2 6 3 7 4 8 16 12 15 11 14 10 13 9 17 0 18 0 19 0 20 0

Example 2:

Input: 5 4 4 1 O Z 2

Output: 13 17 14 18 15 19 16 20 8 4 7 3 6 2 5 1 9 0 10 0 11 0 12 0