
LEVEL 3

- Now it’s your turn to steer the drone by outputting a sequence of vertical accelerations
- You are given a height that you must reach
- **Fly the drone up to at least the given height and land softly**
- A soft-landing means that the velocity needs to be -1 or 0 at the tick the drone reaches the height 0
- The acceleration must always be between 0 and 20
- There is no limit to the velocity or height
- The drone must take off at the first tick and is not allowed to land before it reached the given height
- The acceleration sequence must end after landing
- A time limit is also given, no flight can take more ticks than the given time limit

» QUICK « TIPS ⇢ the time limit is VERY generous; you don’t need a fast solution!

Input

Name	Description	Example
N	Number of drone flights	4 125 7 40 161 224
Time Limit	**Maximum number of ticks per flight**	
Minimum Height (repeated N times)	**The height that the drone should reach**	

Output

Name	Description	Example
Flight (repeated N times)	**A list of integers separated by space** Each integer represents the acceleration of the drone tick by tick	17 3 4 15 20 20 0 0 1 9 10 10 19 11 19 20 20 20 0 0 0 0 0 0 0 0 20 20 20 19 14 16 20 10 20 20 10 0 0 0 0 7 3 0 10 0 0 10 20 20 20 19

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Autonomous
Drone