What could have been working. For random validation problem.

1. Using XOR operation. (for checking, not both of them are in case.)
2. Check max, then check min.
3. Using mathematics equation.
4. Using loop Breakout. (break; in while(TRUE) )
5. Using narrow down scope. (if it too much, lower max. if it too less, higher min. Or plus min, minus max.)
6. Using bit shift. (Shift left if it too less, Shift right if it too much.)

randomScope() it should be good if it can get as how much do you want from now

like (20, 10) it means from 20, count up for 10. It will be same as randomScope(20, 29)