generate fibonnaci using iteration

f(abc) f(ab

find all permutations of a string

and all permutations of a string

$$\frac{50!}{2} \implies 150 \quad \text{if even num, can kill } 1/2 \text{ of bears}$$

$$\frac{1}{2} \implies 150 \quad \text{if divisible by 5, can kil } 42 \text{ bears}$$

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$$\frac{1}{2} \implies 150 \quad \text{if divisible by 3 or 4, take last 2 digits, multiply, and and kill that many bears}$$

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goal: try to get to 42 bears (some nums have sol, some no sol)

42 bears problem