Constraint : for any $\{V_1, V_2, \cdots, V_n\}$ in ascending order,

V_{i+1} has to be integer multiple of V_i. (not one).

<sol>

Suppose a value X and $\arg\max\{V_i\} = k$, $V_k \leq X$

if the constraint holds and we choose $c_1, c_2 \cdots c_{i-1}, c_i$

for all $\{V_i\}$

if $c_1V_1 + c_2V_2 + \cdots + c_{i-1}V_{i-1} > V_k$, then we can change it

into V_k (coin change)

However, if V_k is not multiple of V_{k-1}, we might

not be able to change that since some change $< V_1$ might

be left.

Thus, we know V_k must be multiple of V_{k-1}

So we know that the constrai