

Let sub 4 cows 1, 3, 2, 3, 10, 2, 3, 10, 5

def isgood(X, n, s):

- Z = Array(n)
- for i in range(n): Z[i] = -1
- Z[0] = 0
- k = 1
- while k < n and k >= 0:
 - if k == n - 1:
 - • for i in range(n):
 - • • Z[k] = i
 - • • if isgood(n, X, Z, s): return 1
 - • • Z[k] = -1
 - • • k = k - 1
 - • else:
 - • • Z[k] = Z[k] + 1
 - • • if Z[k] < n: k = k + 1
 - • • else:
 - • • • Z[k] = -1
 - • • • k = k - 1
- return 0

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def isgood(n, X, Z, s):
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- $L = \text{Anay}(n)$
- for i in range(n):
 - if $Z[i] \neq -1$: $L[i] = X[i][Z[i]]$
- return $\text{suma}(n, L, s, 0, 0)$

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def suma(n, L, s, i, w):
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- if $w == s$: return 1
- for j in range(i, n):
 - if $\text{suma}(n, L, s, j+1, w+L[j])$: return 1
- ~~return 0~~
- if $\text{suma}(n, L, s, j+1, w)$: return 1
- return 0