Class 31

Saturday, January 15, 2022 9:03 PM

Coin change II

rem - a_i

rem - $2a_i$

rem - $3a_i$

⋮

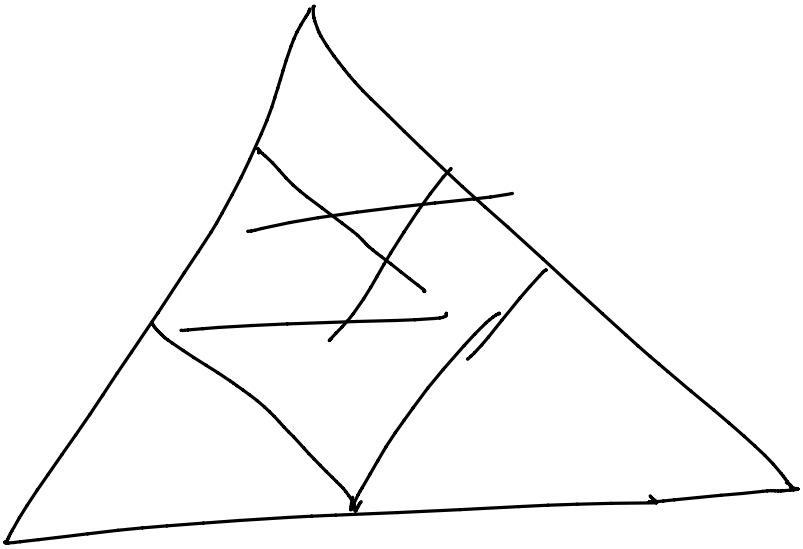
$n \times K \times C$

$n \times K \times K = nK^2$

$f(pos, 100)$ $c = 5$

$f(pos, 95)$

$f(pos, 90)$



$dp[5] \leftarrow dp[0]$

$dp[0] = 1$

$K = 5$

1 2 5

4

2 2 3 3

1 1 1 1 1 1

$dp[i]$ = value ⓘ কতভাবে বানানো যায়

$dp[K]$

1 + + −

dp[K]

dp[ ] → 0, 1, 2, 3, 4, 5
index

10 → 5

c=2 12

ev + 2
m + 2
m + 2
m + 2
m + 2

dp[0] = 1

for(i=0; i<n; i++)

for(j=a[i]; j≤K; j++)

dp[j] += dp[j−a[i]]

(0 ~ 89)

MOD 90

80 + 40 = 120 [90 ~ 180]

210 % 90 = 30 120 % 90 = 30

210 − 90 = 120 − 90 = 30

R, G, B

WRGB

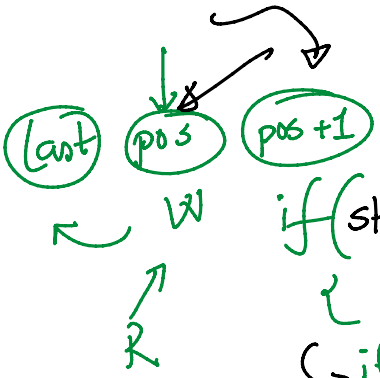
R, G, B

RWG

GWGWB

GRGRB

GBGRB




```
if(str[pos] == 'W')
{
  if(str[pos+1] != 'R' && last != 'R')  res += f(pos+1, 'R')
  }
else
  {
```

res = f(pos+1, str[pos])

```
}
```