



Roughly equivalent to

$$n_5 = n$$

for  $i_5 = 0, \dots, \lfloor \frac{n}{50} \rfloor$

$$n_4 = n_5$$

for  $i_4 = 0, \dots, \lfloor \frac{n_4}{25} \rfloor$

...

$$n_0 = n_1$$

if  $n_0 = 0$

ans += 1

$n_1 -= 1$

...

$$n_5 -= 50$$

$n = \text{amount}$

Space :  $\Theta(n)$

Number of steps :  $\Theta(n^5)$