时间限制：C/C++ 1秒，其他语言2秒
空间限制：C/C++ 262144K，其他语言524288K
64bit IO Format: %lld

## 题目描述

Bob has three integers $n, k, D$.

For a non-negative integer sequence $a_{1...n}$, we denote the weight of it is:

$\frac{D!}{\prod_{i=1}^{n}(a_i+k)!}$

Now Bob wants to know the sum of the weight of all of the sequences $a_{1...n}$ which satisfies the following conditions:

1. $\forall i \in [1, n], a_i \geq 0$

2. $\sum_{i=1}^{n} a_i = D$

If the answer is irreducible fraction $\frac{x}{y}$, you need to output an integer $d$ in $[0, 998244352]$ which satisfies $d \times y \ mod \ 998244353 = x \ mod \ 998244353$.

It's guaranteed that $y \ mod \ 998244353 \neq 0$.

**输入描述:**

> The first line has three integers $n, k, D$.
>
> $1 \leq n \leq 50$.
>
> $0 \leq k \leq 50$.
>
> $0 \leq D \leq 10^8$.

**输出描述:**

> Output the answer.

**示例1**

输入

```
3 1 5
```

输出

```
748683282
```