# Project Euler #31: Coin sums

This problem is a programming version of Problem 31 from projecteuler.net

In England the currency is made up of pound, $£$, and pence, $p$, and there are eight coins in general circulation:

$$ \text{1p, 2p, 5p, 10p, 20p, 50p, £1 (100p) and £2 (200p).}$$

It is possible to make $£2$ in the following way: $$ 1×£1 + 1×50p + 2×20p + 1×5p + 1×2p + 3×1p$$

How many different ways can $N$ $p$ be made using any number of coins? As the result can be large print answer mod $(10^9 + 7)$

**Input Format**
The first line contains an integer $T$ , i.e., number of test cases.
Next $T$ lines will contain an integer $N$.

**Note:** N is given as $p$ and not $£$

**Output Format**
Print the values corresponding to each test case.

**Constraints**
$1 \le T \le 10^4$
$1 \le N \le 10^5$

**Sample Input**

```
3
10
15
20
```

**Sample Output**

```
11
22
41
```