# Project Euler #31: Coin sums

## Problem Statement

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:

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

It is possible to make £2 in the following way:

$$1 \times £1 + 1 \times 50p + 2 \times 20p + 1 \times 5p + 1 \times 2p + 3 \times 1p$$

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
$1 \leq T \leq 10^4$
$1 \leq N \leq 10^5$

## Sample Input

```
3
10
15
20
```

## Sample Output

```
11
22
41
```