

## Lucky number and a sum

Lucky numbers are the positive integers whose decimal representations contain only the lucky digits 4 and 7. Print the minimum lucky number which has the sum of digits equal to N.

### Input:

The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case contains an integer N.

### Output:

For each test case, Print the minimum lucky number. If there is no such lucky number print "-1".

### Constraints:

$$1 \leq T \leq 300$$

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

### Example:

#### Input:

2

11

10

#### Output:

47

-1