
2. Burpees

Program Name: Burpees.java

Input File: burpees.dat

To enhance his agility, physical fitness, and aerobic fitness, Scott has joined the Burpee Challenge support group on Facebook. The members of this group have publicly challenged each other to do one Burpee on the first day of the challenge, two on the second day, three on the third day, and so forth. A Burpee is a full body exercise performed in four steps:

1. From a standing position, drop into a squat position with your hands on the ground.
2. Extend your feet back in one quick motion to assume a push-up position (doing a push-up is optional).
3. Return to the squat position in one quick motion.
4. Jump to an upright standing position.

Input

The first line of input will contain a single integer n that indicates the number of people in the challenge. Each of the following n lines will contain a single integer that indicates the number of days the person is going to participate in the Burpee challenge.

Output

For each person in the challenge, you will print the total number of Burpees that he will have done by the end of his challenge.

Example Input File

```
3
100
54
20
```

Example Output to Screen

```
5050
1485
210
```