
9. Odd Numbers

Program Name: OddNumbers.java

Input File: oddnumbers.dat

The 3rd grade students in Mrs. Johnson's class are learning about odd and even numbers. To reinforce the concept, Mrs. Johnson had the students write the odd numbers an odd number of times per line like so:

```
1
3 5 7
9 11 13 15 17
19 21 23 25 27 29 31
```

Given the number of odd numbers in a line, you will write a program that will give the sum of the last 3 numbers of that line. For example, given the number 3, you know you will be looking at the second line above, since that is the line with 3 odd numbers. Your program adds those 3 numbers.

Input

The input is a sequence of lines, each having a single odd number n , $1 < n < 100$, where n denotes how many odd numbers would be written on the line you are interested in.

Output

For each value of n , you will print the sum of the last 3 odd numbers in that line.

Example Input File

```
3
5
7
```

Example Output to Screen

```
15
45
87
```