Khalid is a boy who likes to save money and donate money to charity.

His mother decided to give him pocket money everyday for the next N number of days. But to make it more interesting she will give him i taka on the iTh day.

**( For example : she will give 1 taka on the 1st day, 2 taka on the 2nd day, 3 taka on the 3rd day and so on).**

Khalid decided to do another interesting thing as well. He decided that

**He will donate all his money that he receives on the EVEN days.**

**(Ex: 2nd day, 4th day, 6th day,8th day) etc.**

And

**Save the rest of the money received on ODD days.**

**(Ex: 1st day, 3rd day,5th day, 7th day) etc.**

Now as a programmer your task is to calculate the total amount of money he will save after N days.

**Example:** If N = 5 it means khalid is going to get money for next consecutive 5 days.

On the 1st he get **1 taka** which he will **save**, On 2nd day he will get **2 taka** which he will **donate**, On 3rd day he will get **3 taka** which he will **save**, On 4th day he will get **4 taka** which he will **donate** and on 5th day he will get **5 taka** which he will **save**.

Total savings after 5 days will be 1 + 3 + 5 = 9.

**Input**

First line will have the number of test cases T. (1 <= T <= 100000)

Second line will have the number of days Khalid will get money from his mother.

(1 <= N <= 100000000)

**Output**

Print the amount khalid is going to save after N days.

**Sample input**

2

5

2

**Sample output**

9

1

Test case 1: Has been explained.

Test case 2: He will save on the 1st day and donate on the 2nd day and will have 1 taka as savings.