

# Print It

## Problem Statement

You will be given a positive integer **N**. You need to print "**I Love Assignment**" **N** times without the quotation mark.

## Input Format

- Input will contain **N**.

## Constraints

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

## Output Format

- Output "**I Love Assignment**" **N** times and don't forget to print new line after it.

## Sample Input 0

```
5
```

## Sample Output 0

```
I Love Assignment
I Love Assignment
I Love Assignment
I Love Assignment
I Love Assignment
```

# Can You Do It?

## Problem Statement

You will be given an integer **N**. If **N** is a negative number or zero print from **N to 1**, otherwise print from **1 to N**.

## Input Format

- Input will contain **N**.

## Constraints

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

## Output Format

- Output as asked in the question and don't forget to put a **space** between the values.

### Sample Input 0

```
-5
```

### Sample Output 0

```
-5 -4 -3 -2 -1 0 1
```

### Sample Input 1

```
5
```

### Sample Output 1

```
1 2 3 4 5
```

### Sample Input 2

```
0
```

### Sample Output 2

```
0 1
```

## Even and Odd

### Problem Statement

You will be given a positive integer **N** and N numbers after that. You need to tell the **sum of even numbers** and the **sum of odd numbers** separated by a space.

### Input Format

- First line will contain **N**.
- Second line will contain N values named **V**.

### Constraints

1.  $1 \leq N \leq 10^5$
2.  $1 \leq V \leq 100$

### Output Format

- Output the sum of even numbers first, then sum of odd numbers.

### Sample Input 0

```
5  
5 1 4 7 2
```

### Sample Output 0

6 13

### Sample Input 1

5  
2 4 6 8 10

### Sample Output 1

30 0

### Sample Input 2

5  
1 3 5 7 9

### Sample Output 2

0 25

## Update and Print

### Problem Statement

You will given a positive integer **N** and an array **A** of size N. Also you will be given two values **X** and **V**. You need to change the value of **X'th** index to **V** and then print the array in reverse way.

**Note:** Index starts from 0.

### Input Format

- First line will contain **N**.
- Second line will contain the array **A**.
- Third line will contain **X** and **V**.

### Constraints

1.  $1 \leq N \leq 10^5$
2.  $1 \leq A[i] \leq 100$  ; where  $A[i]$  are the values of array **A**.
3.  $0 \leq X < N$
4.  $1 \leq V \leq 100$

### Output Format

- Output the final array in reverse order.

### Sample Input 0

5  
10 20 30 40 50

```
1 100
```

### Sample Output 0

```
50 40 30 100 10
```

### Explanation 0

After updating the value of 1st index, the array will become 10 100 30 40 50.  
The reverse order will be 50 40 30 100 10.

### Sample Input 1

```
5
10 20 30 40 50
4 10
```

### Sample Output 1

```
10 40 30 20 10
```

## Reverse and Even

### Problem Statement

You will be given a positive integer **N** and an array **A** of size N. Suppose, the index starts from **0**, then you need to print all the values at **even indexes** in **reverse** way.

**For example:**

If the input is

```
5
10 20 30 40 50
```

You need to print **50 30 10** as their indexes are **4 2 0** respectively.

### Input Format

- First line will contain **N**.
- Second line will contain the array **A**.

### Constraints

1.  $1 \leq N \leq 10^5$
2.  $1 \leq A[i] \leq 100$  ; where  $A[i]$  are the values of array **A**.

### Output Format

- Output the values of even indexes in reverse way. Don't forget to put a space between two values.

**Sample Input 0**

```
5
10 20 30 40 50
```

**Sample Output 0**

```
50 30 10
```

**Sample Input 1**

```
6
10 20 30 40 50 60
```

**Sample Output 1**

```
50 30 10
```