- **EASY**
- **Max Score: 30 Points**
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Terms of AP

Ayush is given a number x. He has been told that he has to find the first x terms of the series $3 * 'N' + 2$, which are not multiples of 4. Help Ayush to find it as he has not been able to answer.

You have to complete `termsOfAp` function which consists of single integer input x and returns the array as output

Input Format

The first line of input will contain one integer, 'X' that denotes the number of terms he has to answer.

Output Format

The only line of output contains X space separated integers denoting the terms of series.

Example 1

Input

2

Output

5 11

Explanation

The first number is 5, while the second number cannot be 8 as it is divisible by 4, and so, the next number is directly 11 as it is not divisible by 4.

Example 2

Input

```
5
```

Output

```
5 11 14 17 23
```

Explanation

The first two numbers are 5 and 11. While following three numbers are 14, 17 and 23 for 'N' = 4, 5 and 7 respectively. 20 is divisible by 4, and thus, 20 cannot be included in the list.

Constraints

```
1 <= X <= 10^5
```

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;
```

```java
public class Main
{
        public static void main (String[] args) throws
java.lang.Exception
        {
                //your code here
        Scanner s=new Scanner(System.in);
        int n=s.nextInt();
        int t=0,i=0;
      while(n>0)
       {   i++;
        t=(3*i)+2;
         if(t%4==0) continue;
        System.out.print(t+" ");
         n--;
       }


        }
}
```