The problem requires a program to print multiples of **8**, starting from a given value **N** down to **1**. The value of **N** will be taken as input from the user.

Emily, a young programmer, was tasked with this challenge. She used a while loop and initialized the loop variable to the value of **N**. Inside the loop, she checked whether the loop variable was a multiple of **8** and printed it to the console if it was. Then, she decremented the loop variable by **1** until it reached **1**.

With a few attempts, Emily was able to solve the problem. She was thrilled to have completed the task and felt more confident in her programming abilities.

Input Format

For each test case, you will get n as an integer input.

Constraints

```
1 <= n <= 10^4
```

Output Format

Print all the multiples of 8.

Sample Input 0

```
30
```

Sample Output 0

```
24 16 8
```

Explanation 0

multiples of 8 till 30 is 24 16 8.

Submitted Code

```
Language: Java 15
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
6
      public static void main(String[] args) {
7
         Scanner sc = new Scanner(System.in);
8
          int n =sc.nextInt();
          for(int i =n;i>0;i--){
9
              if(i%8==0)System.out.print(i+" ");
10
11
12
13 }
```

(30)/. 8= (5)

When John was starting out as a coding hobbyist, he loved testing out various programming approaches to tackle challenges. One day, he stumbled upon a fascinating numerical series that he aimed to incorporate into a program: n, n-6, n-12, n-18... John's task was to print this sequence until the printed value exceeded **zero**.

Input Format

For each test case, you will get **n** as an integer input.

Constraints

```
1 <= n <= 1000
```

Output Format

Print the series in single line.

Sample Input 0

```
20
```

Sample Output 0

```
20 14 8 2
```

Explanation 0

The given series from n=20 to 0 are 20 14 8 2

20-0 20-6 20-12

0=20

1, n-6, -n-12, n-18

Submitted Code

```
Language: Java 15

1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5    public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         int n = sc.nextInt();
8         int i = n; i>0; i-=6) {
10             System.out.print(i+" ");
11         }
12    }
13 }
```

You are required to write a program that takes two integer inputs: **n** and **k**. The program should generate a series of numbers based on the following pattern:

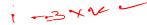
```
n, n-3k, n-6k, n-9k, n-12k, and so on until the value to be printed is greater than zero.
```

Your task is to implement a program that will output this series of number.

Input Format

1 >0

For each test case, you will get **n** and **k** as an integer input.



Constraints

```
1 <= n <= 1000
1 <= k <= 50
```

Output Format

Print the series in a single line.

Sample Input 0

```
20
1
```

Sample Output 0

```
20 17 14 11 8 5 2
```

Explanation 0

In the above test case n=20 and k=1 so , the series are 20 17 14 11 8 5 2 $\,$

Submitted Code

```
Language: Java 15

1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5     public static void main(String[] args) {
          Scanner sc = new Scanner(System.in);
          int n = sc.nextInt();
          int k = sc.nextInt();
          for(int i =n;i>0;i-=3*k)System.out.print(i+" ");
11     }
12 }
```



W -3K, N-6K

HW_Print Alphabets A-Z

Problem Submissions Leaderboard Discussions Write a program to print Alphabets from (A to Z). Input Format No input Constraints

Output Format

NA

Print the Characters in a single line.

Sample Output 0

ABCDEFGHIJKLMNOPQRSTUVWXYZ

HW_Print Alphabets A-Z

Problem	Submissions	Leaderboard	Discussions	
mitted a few seco	onds ago • Score: 10.00			

Submitted Code

```
Language: Java 15
1 import java.io.*;
2 import java.util.*;
4 public class Solution {
      public static void main(String[] args) {
         for(char i='A';i<='Z';i++)System.out.print(i+" ");</pre>
8
9 }
```

```
Write a program to print AAA,bb,CCC,dd,EEE,ff,.... uptil 26 lines ,where each String printed in a
Input Format
No input
Constraints
NA
Output Format
Print each String in a seperate line.
Sample Output 0
```

Submitted Code

```
public static void main(String[] args) {
      int count =1;
for(char ch = 'A';ch<='Z';ch++){
    if(count % 2!=0){
                  System.out.println(ch+""+ch+""+ch);
            }else{
   char c =(char)(ch+32);
   System.out.println(c+""+c);
            count++:
```

AAA

(Ato 2

(A) A Copital 3

(CCC Second small 2 EEE



A) Coptial (3)
2) Smell (2)





int count = 1; for(chor ch='A'; ch<='z':1+1){ if (ount 1.2:=0) & ~ 3380 (ch+""+ch+""+ch), -> AAA elses 3,8 % (ch + "" + ch);

ZZYZXX Ww. Write a program to print Z,z,X,x,V,v,T,t,R,r,....uptil A,a. Input Format No input Constraints NA **Output Format** Print the series in a single line as given below. ZzYyXxWwVvUuTtSsRrQqPpOoNnMmLlKkJjliHhGgFfEeDdCcBbAa Sample Output 0 Z z Y y X x W w V v U u T t S s R r Q q P p O o N n M m L l K k J j I i H h G g F f E e D d Submitted a few seconds ago • Score: 10.00 Test Case #0 Submitted Code Language: Java 15 1 import java.io.*; 2 import java.util.*; 4 public class Solution { public static void main(String[] args) { for(char ch = 'Z';ch>='A';ch--){ System.out.print(ch+" "); System.out.print((char)(ch+32)+" "); 12 } Ch +32 A +32 = 65 +32 => 9 (chors) (07)