



Alice, a programmer, was given a task to write a program that prints the first **N** multiples of **9** in a single line. She tackled the problem by using a loop to iterate over the numbers . Finally, Alice printed all **N** multiples of **9** in a single line.

Input Format

A single line take **N** as a input from user

Constraints

```
2 <= N <= 100
```

Output Format

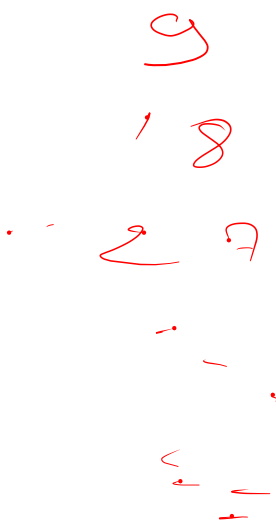
Print the first 20 **multiples** of **9** in a single line.

Sample Input 0

```
20
```

Sample Output 0

```
9 18 27 36 45 54 63 72 81 90 99 108 117 126 135 144 153 162 171 180
```



Submitted Code

```
Language: Java 15

1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int n = sc.nextInt();
9
10        for(int i=1;i<=n;i++)System.out.print(i*9+" ");
11    }
12 }
```

~~9 x 20 = 180~~

~~i = 1 x 9 = 9~~

~~i = 2 x 9 = 18~~

~~i = 3 x 9 = 27~~

# HW\_Print Series 3, 11, 19...

Problem	Submissions	Leaderboard	Discussions
---------	-------------	-------------	-------------

As a programming enthusiast, Mark enjoyed creating programs that could perform complex calculations and generate interesting patterns. One day, he came across a series of numbers - 3, 11, 19, 27, 35... that intrigued him. He decided to write a program that could print this series up to a given value of  $n$ , using  $i = i + 8$ .

### Input Format

A single line take  $N$  as a input from user

### Constraints

$10 \leq N \leq 10^4$

### Output Format

Print the series.

### Sample Input 0

30

### Sample Output 0

3 11 19 27

### Explanation 0

Series till 30 are 3 11 19 27

## Submitted Code

```
Language: Java 15
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner sc = new Scanner(System.in);
8         int n = sc.nextInt();
9         for(int i=3; i<=n; i+=8) System.out.print(i+" ");
10    }
11 }
```

$n = 30$

$3, 11+8, 19+8, 27+8, \cancel{35}$

$n = 40$

$+8$   
 $3, 11, 19, 27, 35, \cancel{43}$

10:35  
joyous

# HW\_Print series 13, 18, 23, 28...

Problem

Submissions

Leaderboard

Discussions

As a software developer, Jane was always looking for new challenges to improve her programming skills. One day, she came across a series of numbers that she found interesting: 13, 18, 23, 28, 33... She decided to write a program that could print this series up to a given value of  $n$ , using  $i = i + 5$ .

## Input Format

A single line take  $N$  as a input from user.

## Constraints

$20 \leq N \leq 10^4$

## Output Format

Print the series.

## Sample Input 0

35

## Sample Output 0

13 18 23 28 33

$n = 35$

$13 + 5, 18 + 5, 23 + 5, 28 + 5, 33$

## Submitted Code

Language: Java 15

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