

<https://course.acciojob.com/idle?question=bdc0d059-aaf9-453d-99c2-85954998dc00>

● EASY

● Max Score: 30 Points

Print between X & Y

Write a recursive program to print all the numbers between the range x to y ($X \leq Y$). Take input of x and y from the user and print all the integers between the range x to y using a recursive function.

Input Format

First line contains an integer X ($X > 0$)

Second line contains an integer Y ($Y > 0$)

Output Format

Print the numbers between X and Y , each separated by a single space.

Example 1

Input

5
8

Output

5 6 7 8

Explanation

The numbers between 5 to 8 included are 5,6,7 and 8.

Example 2

Input

15
15

Output

15

Explanation

The numbers between 15 to 15 included is 15.

Constraints

$1 \leq X \leq Y \leq 10^6$

Topic Tags

- **Recursion**

My code

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

class Main
{
    public static void printXY(int x,int y){
        // Code here
        for(int i=x;i<=y;i++)
            System.out.print(i+" ");
    }
}
```

```
public static void main(String args[])throws IOException
{

    Scanner sc=new Scanner(System.in);
    int x=sc.nextInt();
    int y=sc.nextInt();

    printXY(x,y);

}
}
```