

<https://course.acciojob.com/idle?question=1a4c2f48-f104-42c9-99cc-fe13d72d3e81>

● EASY

● Max Score: 30 Points

●

## Palindromes in given range

Write a program to print all the palindrome number in the range of  $a$  to  $b$  in increasing order.

Complete the function `countPal` which takes two arguments  $a$  and  $b$  and finds all numbers which are palindromes in range  $a$  to  $b$ .

### Input Format

Only line contain two space separated integers  $a$  and  $b$

### Output Format

Print space separated integers between  $a$  and  $b$ (both inclusive) which are palindrome in sorted increasing order. There always exist at least one number between  $a$  and  $b$ .

### Example 1

Input

```
1 50
```

Output

```
1 2 3 4 5 6 7 8 9 11 22 33 44
```

### Example 2

Input

50 100

Output

55 66 77 88 99

## Constraints

$1 \leq a \leq b \leq 10^4$

### Topic Tags

- Math
- Basics

# My code

// in java

```
import java.util.*;
```

```
class Solution{
```

```
    static int check_polidrom(int n)
    {
        int ans=0,j=n;
        while(n>0)
        {
            ans=ans*10+n%10;
            n=n/10;
        }
    }
}
```

```

        if(ans ==j)
            return 1;
        return 0;
    }
    public static void countPal(int min, int max)
    {
        // write code here
        for(int i=min;i<=max;i++)
        {
            if(check_polidrom(i)==1)
                System.out.print(i+" ");
        }
    }
}

public class Main {

    public static void main(String[] args) throws Throwable {
        Scanner sc = new Scanner(System.in);
        int start = sc.nextInt();
        int end = sc.nextInt();
        Solution Obj = new Solution();
        Obj.countPal(start, end);
    }
}

```