

<https://course.acciojob.com/idle?question=787e416c-23c7-4e5c-ae27-b6e42adc8a64>

● EASY

● Max Score: 30 Points

Sort the string in descending order

Given a string `str` containing only lowercase alphabets, the task is to sort it in lexicographically-descending order.

Input Format

The first and only line contains the string `'str'`

Output Format

Print the modified string in a new line.

Example 1

Input

`geeks`

Output

`skgee`

Explanation

In Lexicographically-descending order `s` occur before `k`, `g`, and `e`, and `k` occurs before `g` and `e`, and `g` occurs before `e` so the lexicographically-descending order of `geeks` is `skgee`.

Example 2

Input

aab

Output

baa

Explanation

The lexicographically-descending order of aab is baa as b occurs before a.

Constraints

$1 \leq \text{length of string} \leq 10^5$

Topic Tags

- **Strings**

My code

```
// in java
```

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

```
public class Main  
{
```

```
    public static void main (String[] args) throws java.lang.Exception  
    {
```

```
        //your code here
```

```
        Scanner s=new Scanner(System.in);  
        String str=s.nextLine();
```

```
int n=str.length();
int arr[]=new int[n];
    for(int i=0;i<n;i++)
        arr[i]=str.charAt(i);
Arrays.sort(arr);
    for(int i=0;i<n;i++)
        System.out.print((char)arr[n-1-i]);

    }

}
```