

PROGRAM :

INPUT: Alphabetical and Numerical Suffled String.

OUTPUT: Return a Character in alphabetically and the Numerals are added and it placed after a characters.

CODE:-

```
import java.util.Scanner;
public class Index_found {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter a string: ");
        String word=sc.next();
        int len=word.length();
        int i,j,k;
        String alpha="abcdefghijklmnopqrstuvwxyz";
        String ch="";
        String sum="";
        for (i=0;i<len;i++){
            if(word.charAt(i) >= 'a' &&
word.charAt(i)<='z'){
                ch=ch+word.charAt(i);
            }
            if(word.charAt(i) >= '0' && word.charAt(i)
<='9'){
                sum=sum+word.charAt(i);
            }
        }
        char charr[]=ch.toCharArray();
```

```

        for (j=0;j<charr.length;j++){
            for(k=j+1;k<charr.length;k++){
                if(alpha.indexOf(charr[j]) >
alpha.indexOf(charr[k])){
                    char temp=charr[k];
                    charr[k]=charr[j];
                    charr[j]=temp;
                }
            }
        }
        for(k=0;k<charr.length;k++){
            System.out.print(charr[k]);
        }
        int num;
        num = Integer.parseInt(sum);
        int rsum=0;
        while(num!=0){
            int rem=num%10;
            rsum+=rem;
            num=num/10;
        }
        System.out.print(rsum);
    }
}

```

EXECUTION:-

INPUT: a2m3d1c

OUTPUT: acdm6