**Java Reverse a String**

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Given a String S , print the reverse of the string as output.

**INPUT:**The first line consists of an integer **T** i.e. the number of test cases. Only line of each test case consists of an String S .

**OUTPUT:**Print the required output.

**CONSTRAINTS:**

1<=T<=100  
1<=|String Length|<=103

**EXAMPLES:  
INPUT :**  
1  
GeeksforGeeks

**OUTPUT :**

skeeGrofskeeG

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/java-reverse-a-string/0#ExpectOP) option \*\*

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*\*/*

**package** javaapplication42;

**import** java.io.BufferedReader;

**import** java.io.IOException;

**import** java.io.InputStreamReader;

**import** java.util.StringTokenizer;

**public** **class** JavaApplication42 {

**static** **class** FastReader

    {

        BufferedReader br;

        StringTokenizer st;

**public** FastReader()

        {

            br = **new** BufferedReader(**new**

                     InputStreamReader(System.in));

        }

        String next()

        {

**while** (st == **null** || !st.hasMoreElements())

            {

**try**

                {

                    st = **new** StringTokenizer(br.readLine());

                }

**catch** (IOException  e)

                {

                    e.printStackTrace();

                }

            }

**return** st.nextToken();

        }

**int** nextInt()

        {

**return** Integer.parseInt(next());

        }

**long** nextLong()

        {

**return** Long.parseLong(next());

        }

**double** nextDouble()

        {

**return** Double.parseDouble(next());

        }

        String nextLine()

        {

            String str = "";

**try**

            {

                str = br.readLine();

            }

**catch** (IOException e)

            {

                e.printStackTrace();

            }

**return** str;

        }

    }

**static** String Reverse(String s) {

*//String concat = "";*

**char**[] ch = s.toCharArray();

**int** i =0, j = s.length()-1;

**while**(i < j) {

**char** temp = ch[i];

            ch[i] = ch[j];

            ch[j] = temp;

            i++;

            j--;

        }

**return** **new** String(ch);

    }

**public** **static** **void** main(String[] args) {

*// TODO code application logic here*

*//String s = "1234567";*

*//System.out.println(Reverse(s));*

        FastReader fr = **new** FastReader();

**int** T = fr.nextInt();

**while**(T-- > 0) {

            String input = fr.nextLine();

            System.out.println( Reverse(input));

        }

    }

}