# Practical No:16

Name : Deepankar Sharma Course: BCA

University Roll No: 2092014 Student Id : 20041299 Semester: 3

Date: December 2, 2021

**Objective:** WAP to sort strings in alphabetical order.

# Code :

import java.util.Scanner;

public class \_03\_sortingStrings{

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

Scanner scan = new Scanner(System.in).useDelimiter("\n");

System.out.print("Enter the number of names: ");

int n= sc.nextInt();

String [] names= new String[n];

System.out.println();

for(int i=0; i<n; i++){

System.out.print("Enter names["+i+"]: ");

names[i]=scan.next();

}

System.out.println("Original order of names: ");

// for(String i: names){

// System.out.print(i);

// }

for(int i=0; i<n; i++){

System.out.println(names[i]);

}

for (int j = 0; j < n; j++) {

for (int i = j + 1; i < names.length; i++) {

if (names[i].compareTo(names[j]) < 0) {

String temp = names[j];

names[j] = names[i];

names[i] = temp;

}

}

// System.out.println(names[j]);

}

System.out.println("\nSorted order of names: ");

for(String i: names){

System.out.println(i);

}

}

}

# Output:

PS D:\01\_Java\Deepankar\java Programming\29-nov-Strings> cd "d:\01\_Java\Deepankar\java Programming\29-nov-Strings\" ; if ($?) { javac \_03\_sortingStrings.java } ; if ($?) { java \_03\_sortingStrings }

Enter the number of names: 5

Enter names[0]: Lucifer

Enter names[1]: Barry

Enter names[2]: Amenadiel

Enter names[3]: Dean

Enter names[4]: Chloe

Original order of names:

Lucifer

Barry

Amenadiel

Dean

Chloe

Sorted order of names:

Amenadiel

Barry

Chloe

Dean

Lucifer