import java.util.\*;

public class Main{

public static void main(String[] args){

String name="Santhosh";

System.out.println(name.toUpperCase());//capital letters

System.out.println(name.toLowerCase());//small letters

String codes="code";

System.out.println(name.contains("osh"));//name varialble contains osh so it prints true

System.out.println(name.contains("Santhosh"));//name varialble contains santhosh so it prints true

System.out.println(codes.contains("code"));//codes varialble contains code so it prints true

System.out.println(codes.contains("Santhosh"));//codes varialble does not contain santhosh it contains code so it prints false

System.out.println(name.charAt(7));//it prints the 7 th index in name variable and 7th index in santhosh is h. so it prints h

System.out.println(codes.charAt(2));//it prints 2 nd index in codes varialble the 2 nd index in code variable is d so it prints d

System.out.println(name.equals(codes));// Santhosh!=code;so it prints false,if Santhosh==Santhosh then it prints true.

}

}

public class Main {

public static void main(String[] args) {

String name = "Santhosh";

// Basic operations

System.out.println("Length: " + name.length());

System.out.println("Character at index 0: " + name.charAt(0));

// String manipulation

System.out.println("Uppercase: " + name.toUpperCase());

System.out.println("Lowercase: " + name.toLowerCase());

// Checking conditions

System.out.println("Starts with 'San': " + name.startsWith("San"));

System.out.println("Ends with 'osh': " + name.endsWith("osh"));

System.out.println("Contains 'tho': " + name.contains("tho"));

// String comparison

System.out.println("Compare to 'Santosh': " + name.compareTo("Santosh"));

System.out.println("Compare to 'santhosh' (ignore case): " + name.compareToIgnoreCase("santosh"));

// String conversion

System.out.println("String value of 100: " + String.valueOf(100));

// Splitting and joining

String[] parts = name.split("th");

System.out.println("Splitting at 'th': " + String.join(", ", parts));

// Replace and trim

System.out.println("Replace 'San' with 'Sam': " + name.replace("San", "Sam"));

System.out.println("Trimmed: '" + " Santhosh ".trim() + "'");

String names="java";

String[] c=names.split(" ");

String result=String.join(",",c);

System.out.println(result);

}

}

public class Main {

public static void main(String[] args) {

String names = "java";

// Split the string into individual characters

String[] c = names.split(""); // Corrected split method

// Join the characters with a comma

String result = String.join(",", c);

// Print the result

System.out.println(result);

}

}