1. Write a simple String program to take input from user ?

import java.util.Scanner;

public class InputExample {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter a string: ");

String input = scanner.nextLine();

System.out.println("You entered: " + input);

scanner.close();

}

}

2. How do you concatenate two strings in Java? Give an example?

String str1 = "Hello";

String str2 = "World";

// Using the + operator

String result1 = str1 + " " + str2;

// Using the concat() method

String result2 = str1.concat(" ").concat(str2);

System.out.println(result1); // Output: "Hello World"

System.out.println(result2); // Output: "Hello World"

3. How do you find the length of a string in Java Explain with an example?

String str = "Hello";

int length = str.length();

4. How do you compare two strings in Java? Give an Example ?

String str1 = "Hello";

String str2 = "World";

boolean isEqual = str1.equals(str2);

int result = str1.compareTo(str2);

5. Write a program to find the length of the string "refrigerator".

public class StringLength {

public static void main(String[] args) {

String word = "refrigerator";

int length = word.length();

System.out.println("Length of the string: " + length);

}

}

6. Write a program to check if the letter 'e' is present in the word 'Umbrella'.

public class LetterPresence {

public static void main(String[] args) {

String word = "Umbrella";

boolean isPresent = word.contains("e");

System.out.println("Is 'e' present? " + isPresent);

}

}

7. Write a program to delete all consonants from the string "Hello, have a good day".

public class ConsonantRemoval {

public static void main(String[] args) {

String str = "Hello, have a good day";

str = str.replaceAll("[^aeiouAEIOU]", "");

System.out.println("Result: " + str);

}

}