1. Java string program to print even length words .

public class EvenLengths {

public static void main(String[] args) {

String input\_string = "Java Programming are cool";

System.out.println("The string is defined as: " + input\_string);

System.out.println("\nThe words with even lengths are: ");

for (String word: input\_string.split(" "))

if (word.length() % 2 == 0)

System.out.println(word);

}

}

Output:

The words with even lengths are:

Java

Cool

1. Java string program to insert a string into the another string.

Public class StringInsertExample {

Public static void main(String[] args) {

String original = “Hello World!”;

String toInsert = “Java “;

Int position = 6;

String result = insertString(original, toInsert, position);

System.out.println(“Original String: “ + original);

System.out.println(“String after Insertion: “ + result);

}

Public static String insertString(String original, String toInsert, int position) {

If (position < 0 || position > original.length()) {

Throw new IllegalArgumentException(“Invalid position”);

}

Return original.substring(0, position) + toInsert + original.substring(position);

}

}

Output:

Original String: Hello World!

String after Insertion: Hello Java World!

1. Java string program to check whether the string is palindrome.

Import java.util.Scanner;

Public class StringIsAPalindromeOrNot {

Public static void main(String[] args) {

String s = “arora”;

String rev = “”;

For (int i = s.length()-1; i >=0 ; i--)

Rev=rev+s.charAt(i);

If(s.equals(rev))

System.out.println(“String is palindrome”);

Else

System.out.println(“String is not palindrome”);

}

}

Output:

String is palindrome

1. Java string program to check anagram.

Import java.util.Arrays;

Public class AnagramCheck {

Public static boolean areAnagrams(String str1, String str2) {

If (str1.length() != str2.length()) {

Return false;

}

Str1 = str1.toLowerCase();

Str2 = str2.toLowerCase();

Char[] charArray1 = str1.toCharArray();

Char[] charArray2 = str2.toCharArray();

Arrays.sort(charArray1);

Arrays.sort(charArray2);

Return Arrays.equals(charArray1, charArray2);

}

Public static void main(String[] args) {

String str1 = “listen”;

String str2 = “silent”;

If (areAnagrams(str1, str2)) {

System.out.println(str1 + “ and “ + str2 + “ are anagrams.”);

} else {

System.out.println(str1 + “ and “ + str2 + “ are not anagrams.”);

}

}

}

Output:

Listen and silent are anagrams.

1. Java string program to reverse the string.

Public class Main {

Public static void main(String[] args) {

String originalStr = “Hello”;

String reversedStr = “”;

System.out.println(“Original string: “ + originalStr);

For (int i = 0; i < originalStr.length(); i++) {

reversedStr = originalStr.charAt(i) + reversedStr;

}

System.out.println(“Reversed string: “+ reversedStr);

}

}

Output:

Original string: Hello

Reversed string: olleH

1. Java string program swapping pairs of characters.

Public class SwapCharacter {

Public static void main(String args[]) {

String input\_string = “Java program”;

System.out.println(“The string is defined as: “ + input\_string);

Int i = 3, j = input\_string.length() – 4;

Char character[] = input\_string.toCharArray();

Char temp = character[i];

Character[i] = character[j];

Character[j] = temp;

String result = new String(character);

System.out.println(“\nThe string after swapping is: “ + result);

}

}

Output:

The string is defined as: Java program

The string after swapping is: Javg proaram

1. Java string program to replace a character at a specific index.

Public class Main {

Public static void main(String[] args) {

String myStr = “Hello”;

System.out.println(myStr.replace(‘l’, ‘p’));

}

}

Output:

Heppo

1. Java string program to remove leading zeroes.

Import java.util.\*;

Public class test {

Public static void main(String[] args) {

System.out.println(validate(“216.08.094.196”));

System.out.println(validate(“08.008.0008.00008”));

}

Public static String validate(String ip) {

Return ip.replaceAll(“(?<=^|\\.)0+(?!\\.|$)”,””);

}

}

Output:

216.8.94.196

8.8.8.8

9) java string program to sort a string.

Import java.util.ArrayList;

Import java.util.Collections; // Import the Collections class

Public class Main {

Public static void main(String[] args) {

ArrayList<String> cars = new ArrayList<String>();

Cars.add(“Volvo”);

Cars.add(“BMW”);

Cars.add(“Ford”);

Cars.add(“Mazda”);

Collections.sort(cars);

For (String i : cars) {

System.out.println(i);

}

}

}

Output:

BMW

Ford

Mazda

Volvo

10)java string program to compare two strings

Public class Main {

Public static void main(String[] args) {

String myStr1 = “Hello”;

String myStr2 = “Hello”;

String myStr3 = “Another String”;

System.out.println(myStr1.equals(myStr2));

System.out.println(myStr1.equals(myStr3));

}

}

Output:

True

False