**String Solutions**

Assignment qus file1

1. Write a java program to Reverse a string without using the inbuilt method.

**package** Stings;

**import** java.util.\*;

**public** **class** Reverse\_String {

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

// **TODO** Auto-generated method stub

System.***out***.println("Enter your String :");

Scanner sc=**new** Scanner(System.***in***);

String s=sc.nextLine();

System.***out***.println("Your Reverse String is :");

**for**(**int** i=s.length();i>0;i--)

{

System.***out***.print(s.charAt(i-1));

}

}

}

2.Write a java program to know whether the given string is palindrome

**package** Stings;

**public** **class** Palindrome\_String {

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

// **TODO** Auto-generated method stub

String s="kayak";

**boolean** flag=**true**;

**for**(**int** i=0;i<s.length()/2;i++)

{

**if**(s.charAt(i)!=s.charAt(s.length()-i-1))

{

flag= **false**;

**break**;

}

}

**if**(flag)

{

System.***out***.println(" palindrome");

}

**else**

{

System.***out***.println("not palindrome");

}

}

}

3.Write a java program to convert upper case to lower case and vice versa.

public class Case {

    public static void main(String[] args) {

        String str1="Great Power";

        StringBuffer newStr=new StringBuffer(str1);

        for(int i = 0; i < str1.length(); i++) {

            if(Character.isLowerCase(str1.charAt(i)))

 {

   newStr.setCharAt(i, Character.toUpperCase(str1.charAt(i)));

            }

            else if(Character.isUpperCase(str1.charAt(i))) {

                newStr.setCharAt(i, Character.toLowerCase(str1.charAt(i)));

            }

        }

        System.out.println("String after case conversion : " + newStr);

    }

}

4.Write a java program to remove a particular character from a String.

package Stings;

class RemoveChar

{

public static void main(String[] args)

{

String str = "Ram Krushna Hari";

System.out.println(charRemoveAt(str, 7));

}

public static String charRemoveAt(String str, int p)

{

return str.substring(0, p) + str.substring(p + 1);

}

}

5.Write a java program to find the index of a substring

package Stings;

public class IndexOfSubstring

{

public static void main(String[] args) {

String s1 = "This is indexOf method";

// Passing Substring.

int index = s1.indexOf("method"); //Returns the index of this substring.

System.out.println("index of substring "+index);

}

}