1. Write a program to reverse the String (use char[] or String built in method)

import java.util.\*;

public class ReverseStrings {

public static void main(String[] args)

{

String input = "Sarath";

StringBuilder input1 = new StringBuilder();

input1.append(input);

input1.reverse();

System.out.println(input1);

}

}

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1. Write programs to depict the usage of contains(), length(), replace(), concat(), equals()

public class UsageOfMethods {

public static void main(String[] args) {

//contains

String str = "hello world";

String str1 = "hello";

String str2 = "java";

System.out.println("hello is contains in the hello world so it is " + str.contains(str1));

System.out.println("java is not in the hello world so it is " + str.contains(str2));

//concat

String s="Sarath";

s=s.concat(" Sankar");

System.out.println(s);

//equals

String s1="Raj";

String s2="Aswin";

String s3=new String("Arun");

String s4="Raj";

System.out.println(s1.equals(s2));

System.out.println(s1.equals(s3));

System.out.println(s1.equals(s4));

//replace

String str5 = "Did";

String replace = str5.replace('i', 'a');

System.out.println(str5);

System.out.println("Replaced by "+ replace);

//Length

String s11="Welcome";

String s22="Java";

System.out.println("string length is: "+s11.length());

System.out.println("string length is: "+s22.length());

}

}

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1. Write a customized Exception class for a Banking project

class Bank

{

public static void main(String[] args)

{

try

{

int Debit =1000;

int Balance=0;

System.out.println(" "+(Debit/Balance));

}

catch(ArithmeticException e)

{

System.out.println("Arithmetic Exception : Balance is Zero");

}

finally

{

System.out.println("Insufficient Balance");

}

}

}

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