**String Handling Functions**

package pack2;

public class StringFunctions {

public static void main(String[] args)

{

String str1 = "CTOOD";

String str2 = "CTOOD";

String str3 = new String("CTOOD");

String str4 = new String("CTOOD");

String str5 = "CTooD";

if(str1 == str2)

System.out.println("Str1 and Str2 are equal");

else

System.out.println("Str1 and Str2 are not equal");

if(str3 == str4)

System.out.println("Str1 and Str2 are equal");

else

System.out.println("Str1 and Str2 are not equal");

if(str4.equals(str5))

System.out.println("Str4 and Str5 are equal");

else

System.out.println("Str4 and Str5 are not equal");

if(str4.equalsIgnoreCase(str5))

System.out.println("Str4 and Str5 are equal");

else

System.out.println("Str4 and Str5 are not equal");

System.out.println("Welcome "+"to "+"KLU");

System.out.println("Welcome ".concat("to ").concat("KLU"));

String str6 = new String("Welcome to KLU");

String str7 = new String("Andhra Pradesh");

String str8 = new String("Mastering in Java");

int len = str6.length( );

System.out.println("Length :"+len);

System.out.println("Char At :"+str6.charAt(5));

char ch[ ] =str6.toCharArray();

System.out.println("Char At :"+ch[5]);

System.out.println("Starts with :"+str7.startsWith("And"));

System.out.println("Starts with :"+str7.endsWith("Desh"));

System.out.println("IndexOf :"+str7.indexOf('a'));

System.out.println("Last IndexOf :"+str7.lastIndexOf('a'));

System.out.println("IndexOf :"+str7.indexOf("Prad"));

System.out.println("Last IndexOf :"+str7.lastIndexOf("desh"));

System.out.println("Substring :"+str7.substring(5));

System.out.println("Substring :"+str7.substring(5,10));

System.out.println("Replace :"+str7.replace('a', '\*'));

System.out.println("Replace :"+str7.replace("Pra", "123"));

System.out.println("To Lower :"+str7.toLowerCase());

System.out.println("To Lower :"+str7.toUpperCase());

System.out.println("Value of :"+String.valueOf('a'));

System.out.println("Value of :"+String.valueOf(123));

System.out.println("Value of :"+String.valueOf(123.45));

String str[] = str8.split(" ");

System.out.println(str8);

System.out.println(str[0]+" "+str[1]+" "+str[2]);

System.out.println(String.join(" ", str[0],str[1],str[2],"Students"));

}

}