**package** proj1;

**public** **class** stringTest {

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

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

//Strings

String greet=**new** String("Good Morning");

System.***out***.println(greet.length());

System.***out***.println("\n");

//substring

String ss=**new** String("GoodAfternoon");

System.***out***.println(ss.substring(1));

System.***out***.println("\n");

//String comparison

String s1="GoodEvening";

String s2="goudEvening";

System.***out***.println(s1.compareTo(s2));

System.***out***.println("\n");

//IsEmpty

String s3="";

System.***out***.println(s3.isEmpty());

System.***out***.println("\n");

//toLower case

String s4="WELCOME TO JAVA PROGRAMMING";

System.***out***.println(s4.toLowerCase());

System.***out***.println("\n");

//replace

String s5="goudEvening";

String replace=s2.replace('u','o');

System.***out***.println(replace);

System.***out***.println("\n");

//equals

String m1="Hello World";

String m2="hElLo wORld";

System.***out***.println(m1.equals(m2));

System.***out***.println("\n");

//creating StringBuffer and append method

StringBuffer msg=**new** StringBuffer("Java programming ");

msg.append("is easy to learn");

System.***out***.println(msg);

System.***out***.println("\n");

//insert

msg.insert(5,'P');

System.***out***.println(msg);

System.***out***.println("\n");

//replace

StringBuffer sb=**new** StringBuffer("progProgramming");

sb.replace(0, 4, "java");

System.***out***.println(sb);

System.***out***.println("\n");

//delete method

sb.delete(0, 1);

System.***out***.println(sb);

System.***out***.println("\n");

//String Builder

System.***out***.println("String Builder");

StringBuilder msg1=**new** StringBuilder("Happy");

msg1.append("Learning");

System.***out***.println(msg1);

System.***out***.println(msg1.delete(0,2));

System.***out***.println(msg1.insert(1,"welcome"));

System.***out***.println(msg1.reverse());

//conversion

System.***out***.println("converswion from string to stringBuffer");

String msg2="Welcome students";

StringBuffer msg3=**new** StringBuffer(msg2);

msg3.reverse();

System.***out***.println(msg3);

System.***out***.println("\n");

System.***out***.println("String to String Builder");

StringBuilder msg4=**new** StringBuilder(msg2);

msg4.append("good morning");

System.***out***.println(msg4);

}

}