1. [String-1](https://codingbat.com/java/String-1) > makeAbba  
     
   public String makeAbba(String a, String b) {

return a+b+b+a;

}

1. [String-1](https://codingbat.com/java/String-1) > extraEnd

public String extraEnd(String str) {

String last = str.substring(str.length() - 2);

return last + last + last;

}

1. [String-1](https://codingbat.com/java/String-1) > makeOutWord

public String makeOutWord(String out, String word) {

return out.substring (0,2)+ word + out.substring (2);

}

1. [String-1](https://codingbat.com/java/String-1) > makeTags

public String makeTags(String tag, String word) {

return "<" + tag + ">" + word + "<" +"/" + tag+">" ;

}

1. [String-1](https://codingbat.com/java/String-1) > firstTwo

public String firstTwo(String str) {

if(str.length()<2){

return str;

}

return str.substring(0,2);

}

1. [String-1](https://codingbat.com/java/String-1) > firstHalf

public String firstHalf(String str) {

return str.substring(0,str.length()/2);

}

1. [String-1](https://codingbat.com/java/String-1) > nonStart

public String nonStart(String a, String b) {

return a.substring(1)+b.substring(1);

}

1. [String-1](https://codingbat.com/java/String-1) > withoutEnd

public String withoutEnd(String str) {

return str.substring(1,str.length()-1);

}

1. [String-1](https://codingbat.com/java/String-1) > comboString

public String comboString(String a, String b) {

if(b.length() < a.length()) {

String temp = a;

a = b;

b = temp;

}

return a+b+a;

}

1. [String-1](https://codingbat.com/java/String-1) > left2

public String left2(String str) {

return str.substring(2) + str.substring(0, 2);

}

1. [String-1](https://codingbat.com/java/String-1) > right2

public String right2(String str) {

return str.substring(str.length() - 2) + str.substring(0, str.length() - 2);

}

1. [String-1](https://codingbat.com/java/String-1) > theEnd

public String theEnd(String str, boolean front) {

if(front)

return str.substring(0,1);

return str.substring(str.length() - 1);

}

1. [String-1](https://codingbat.com/java/String-1) > withouEnd2

public String withouEnd2(String str) {

if(str.length() <= 2)

return "";

return str.substring(1, str.length() - 1);

}