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**1**

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

public String conCat(String a, String b) {

if(a.isEmpty() || b.isEmpty()){

return a + b;

}

char ultimoCA = a.charAt(a.length()-1);

char primerCB = b.charAt(0);

if(ultimoCA == primerCB){

return a + b.substring(1);

}

return a+b;

}

**2**

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

public String firstHalf(String str) {

int large = (str.length())/2;

return str.substring(0, large);

}

**3**

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

public String startWord(String str, String word) {

if (str.length() < word.length()) {

return "";

}

String C\_equal = str.substring(0, word.length());

if (C\_equal.substring(1).equals(word.substring(1))) {

return C\_equal;

}

return "";

}

**4**

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

public String withoutX(String str) {

if(str.length()==0){

return str;

}

char primeraX;

char ultimaX = str.charAt(str.length()-1);

if(str.equals("x")){

primeraX = '\0';

}else{

primeraX = str.charAt(0);

}

if(primeraX == 'x'){

str = str.substring(1);

}

if(primeraX == 'x'){

str = str.substring(0);

}

if(ultimaX == 'x'){

str = str.substring(0, str.length()-1);

}

return str;

}

**5**

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

public String makeOutWord(String out, String word) {

String parte1 = out.substring(0,2);

String Ultimaparte = out.substring(2);

return parte1 + word + Ultimaparte;

}

**6**

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

public String makeAbba(String a, String b) {

return a+b+b+a;

}

**7**

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

public String seeColor(String str) {

if(str.startsWith("red")){

return "red";

}else if(str.startsWith("blue")){

return "blue";

}else{

return "";

}

}

**8**

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

public String makeTags(String tag, String word) {

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

}