public void permute(String str) {

String perm = "";

int place = 0;

int length =str.length();

ArrayList<Boolean> boo = new ArrayList<Boolean>();

for(int k =0; k<str.length();k++){

boo.add(false);

}

permutation(str, length,place,perm,boo );

}

public static void permutation(String str,int length, int place,String perm, ArrayList<Boolean> boo ) {

if (place==length) {

System.out.println(perm);

System.out.println("This is boo" + boo);

System.out.println("This is the string " + str);

perm = "";

return;

} else {

System.out.println("We've arrived else");

for (int i = 0; i != length; i++) {

System.out.println("We've arrived for");

if (boo.get(i) == true) {

i++;

System.out.println("We've arrived if");

} else {

perm.concat(str.substring(i));

boo.set(i, true);

permutation(str, length,place+1,perm,boo );

System.out.println("We've arrived");

}

}

}

}