Class Solution{

public void print(String word){

int mid = word.length()/2;

String str=word.charAt(mid)

System.out.println(str);

for(int i=mid+1;i<word.length();i++){

str+=word.charAt(i);

System.out.println(str);

}

for(int i=0;i<mid;i++){

str+=word.charAt(i)'

System.out.println(str);

}

}

public static void main(String args[]){

Scanner scan = new Scanner(System.in);

String word = scan.nextLine();

print(word);

}