WAP to sort a given array using recursion

public class Arraysorted {

public static void main(String[] args) {

int input[] = {1,2,9,8,7};

System.*out*.println(*check*(input));

}

public static boolean check(int input[]) {

if(input.length<=1) {

return true;

}

if(input[0]>input[1]) {

return false;

}

int[] temp=new int[input.length-1];

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

temp[i-1]=input[i];

}

boolean smallAns = *check*(temp);

return smallAns;

}

}