import java.util.Scanner;

class Automobile{

public static void main(String args[])

{

Scanner sc= new Scanner(System.in);

//System.out.println("enter");

int vehicles =sc.nextInt();

int wheel =sc.nextInt();

int two\_wheel=(wheel-2\*vehicles)/2;

int four\_wheel=vehicles-two\_wheel;

System.out.println(four\_wheel);

System.out.println(two\_wheel);

}

}