**Game Time**

Adapted by Neilor Tonin, URI https://urionlinejudge.r.worldssl.net/gallery/images/flags/br.gif Brazil

**Timelimit: 1**

Read the start time and end time of a game, in hours. Then calculate the duration of the game, knowing that the game can begin in a day and finish in another day, with a maximum duration of 24 hours. The message must be printed in portuguese “O JOGO DUROU X HORA(S)” that means “THE GAME LASTED X HOUR(S)”

**Input**

Two integer numbers representing the start and end time of a game.

**Output**

Print the duration of the game as in the sample output.

| **Sample Input** | **Sample Output** |
| --- | --- |
| 16 2 | O JOGO DUROU 10 HORA(S) |

|  |  |
| --- | --- |
| 0 0 | O JOGO DUROU 24 HORA(S) |

|  |  |
| --- | --- |
| 2 16 | O JOGO DUROU 14 HORA(S) |

<https://www.urionlinejudge.com.br/judge/es/problems/view/1046>

#include <iostream>

#include <stdio.h>

int main(){

    int ini, fin;

    scanf("%d %d",&ini, &fin);

    if(ini == fin){

        printf("O JOGO DUROU 24 HORA(S)**\n**");

    }

    else if(ini > fin){

        int sum = 24 - ini + fin;

        printf("O JOGO DUROU %d HORA(S)**\n**", sum);

    }else{

        printf("O JOGO DUROU %d HORA(S)**\n**", fin - ini);

    }

    return 0;

}