 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 6</b>	<b>Name : Pushti Depani</b>	
<b>Day : 96</b>	<b>Date : 21/01/2023</b>	<b>Enrollment No: 92000133018</b>

## CP Club 365 Days Challenge

Programming language – Any language

### Problem Statement

<https://www.codechef.com/problems/CANDY123>


<https://www.codechef.com/viewsolution/86364838>

<https://github.com/Pushti18/Bear-and-Candies-123-codechef/tree/main>

#### **Your Code:**

```
#include <iostream>
using namespace std;

int main() {
    // your code goes here
    int t;
    cin>>t;
    while(t--){
        int A,B;
        cin>>A>>B;
        for(int i=1;;i++)
        { if(i%2==0)
          { B-=i;
            }
          else
          { A-=i;
            }
          if(A<0)
          { cout<<"Bob\n";
```

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```

        break;
    }
    else if(B<0)
    { cout<<"Limak\n";
      break;
    }
}
// for (int i=0;i<count;i++){
//     if(a<i){
//         cout<<"
//     }
// }
}
return 0;
}

```

### Output (Screen Shot):


**Status:** ✔ Correct Answer

**Submission ID:** [86364838](#)

**Time:**  
0.01s

### Understanding about problem:

In this problem we need to find who win the game Limk or Bob. If the total number of candies will be even then Limak will decrement or else Bob. if i is even, increment total number of candies with bob by i. If total number of candies with Limak is more than the maximum he can eat, Bob Wins. Otherwise, if the total number of candies with bob is more than the maximum he can eat, Limak Wins. Break the loop if anyone of limak or bob wins.

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Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

**ALL THE BEST**

Team CP Club