

## Problem G. Even numbers

Given two natural numbers A and B ( $A \leq B$ ), output all even numbers on the segment from A to B. You cannot use the if statement in this problem.

**Input data**

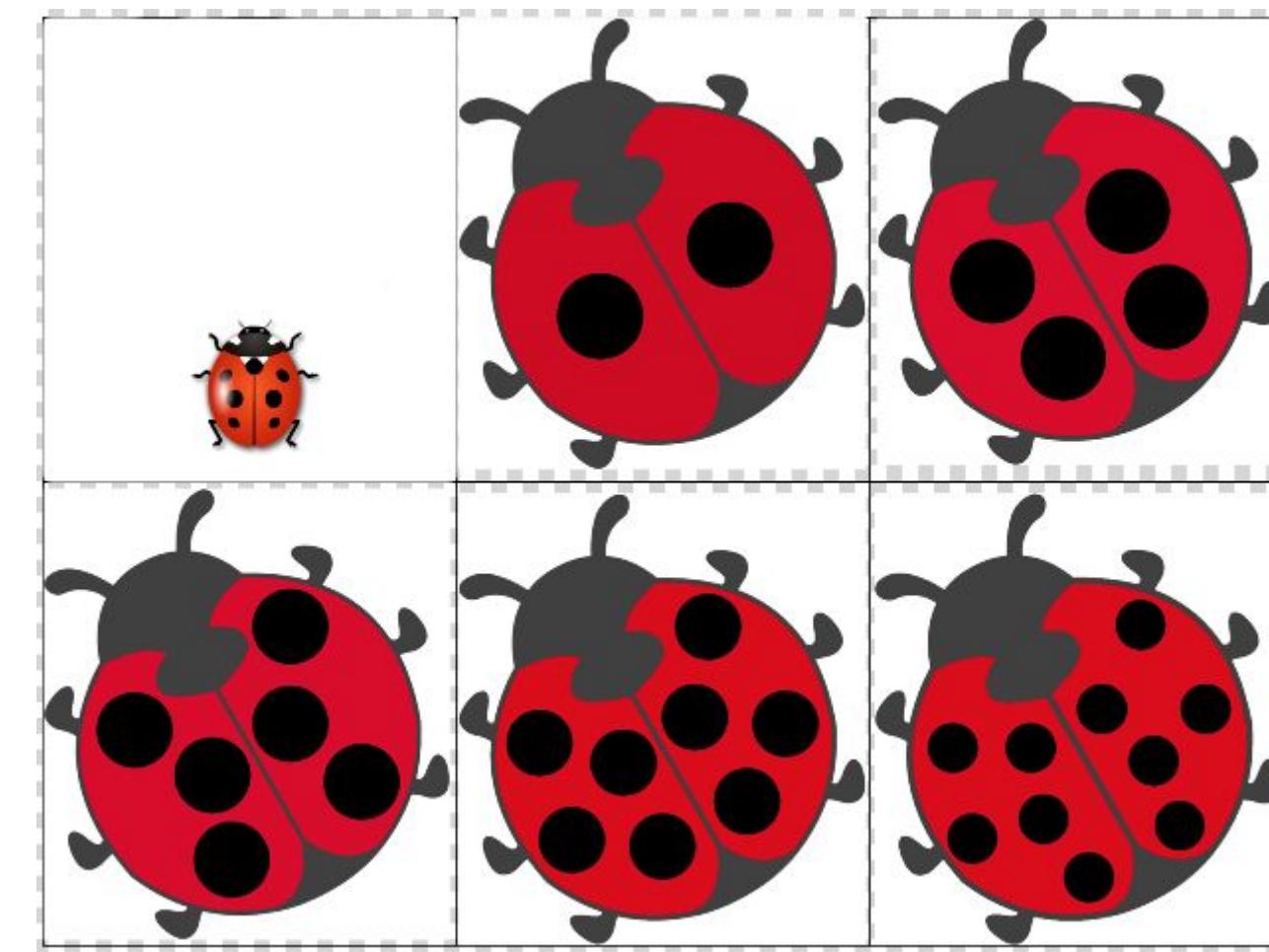
Two natural numbers A and B are introduced.

**Output**

Print the answer to the problem.

**Examples of  
input data**

```
int a; // 3
int b; // 12
1
10
std::cin >> a >> b;
// while a <= b --> print all even numbers from
a->(needs to be even or skipped) ---> b
if( a % 2 == 0)
    for ( ; a <= b; ) {
        std::cout << a << std::endl;
        a = a + 2;
    }
else if ( a % 2 == 1) {
    a = a + 1;
    for ( ; a <= b; ) {
        std::cout << a << std::endl;
        a = a + 2;
    }
}
```



```
int a; // 3
int b; // 12
std::cin >> a >> b;
// while a <= b --> print all even numbers from
a->(needs to be even or skipped) ---> b
a = a + a % 2;
while(a <= b) {
    std::cout << a << std::endl;
    a = a + 2;
}
```