

EVEN if you know, the ODD is...

Write a Python code to display all even numbers between two integers inclusive

Input

An integer n in the first line indicates the number of cases. Lines 2 until $(n+1)$ each has the range in which even numbers can be identified from lower bound x and upper bound y , inclusive

Output

For each case, all even numbers between x and y inclusive, will be displayed horizontally, separated by a space

Example

Input:

```
4
3 20
1 17
-5 6
100 109
```

Output:

```
4 6 8 10 12 14 16 18 20
2 4 6 8 10 12 14 16
-4 -2 0 2 4 6
100 102 104 106 108
```