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## simpleAlternatedSum

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Implement a **RECURSIVE** function that, given a positive natural  $n$ , returns the simple alternated sum  $1 - 2 + 3 - 4 + \dots + (-1)^{n+1} \cdot n$ . This is the header:

```
// Pre: n >= 1
// Post: Returns 1-2+3-4+...+(-1)^(n+1)*n
int simpleAlternatedSum(int n);
```

### Observation

You only need to submit the required procedure; your main program will be ignored.

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Note that we are requesting a **RECURSIVE** solution.

### Problem information

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