
simpleAlternatedSum

X50867_en

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.

Observation

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

Problem information

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