Here is one possible solution. In addition to x, we use three variables:

- sum: cumulative sum of even numbers that will be output.
- number: holds the number of values that the user will input.
- curr: is a running counter of the number of input values

We begin by reading the number of input values. After this, with each current value x, we add x to the cumulative sum if the running counter is even or if x is even. (Note that we allowed for either of these two interpretations of the problem.) We exit the loop as soon as we discover that we have reached the number of input values, and print the sum.

```plaintext
sum = 0
number = read()
curr = 0
while (curr < number) {
    x = read()
curr++
    if (curr is even) {
        ***OR*** if (x is even) {
            sum += x
        }
    }
}
print(sum)
```