

Quizlet 3 version B (7 minutes)

15-110 F24

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AndrewID: _____

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Please place your answer entirely inside the answer box. Do not use concepts not covered through Week 3 (no lists, no for loops).

Write a function `totalEvens(n)` that takes a non-negative integer `n` and sums all the even numbers from **0 to `n` inclusive** and **returns the sum**. **YOU MUST USE A WHILE LOOP.**

For example: `totalEvens(6)` returns 12 because the sum of $0+2+4+6 = 12$.

Write your solution here:

```
# Solution 1
def totalEvens(n):
    total = 0
    i = 0
    while i <= n:
        if i % 2 == 0:
            total = total + i
        i = i + 1
    return total

# Solution 2
def totalEvens(n):
    total = 0
    i = 0
    while i <= n:
        total = total + i
        i = i + 2
    return total
```