

[7 marks] Use the lines below to create a Python program that reads one integer, n , from the user. The program will display the sum of the odd numbers from 1 to n (inclusive) followed by the sum of the even numbers from 1 to n (inclusive) with appropriate messages identifying each output. If the value of n entered by the user is less than 1 then you should display 0 for each of the totals. Note that because your program is computing both the sum of the odd and even numbers, one of your totals will not actually include n .

Example input values and their expected output:

Input (n)	Even Total	Odd Total
-2	0	0
1	0	1
3	2	4
6	12	9

Use the following lines to create your program. Some lines may not be required for a correct solution. Lines may be used multiple times.

```
1: even_total = 0
2: even_total = 1
3: even_total = i
4: even_total = even_total + 1
5: even_total = even_total + i
6: for i in range(1, n, 1):
7: for i in range(1, n, 2):
8: for i in range(1, n - 1, 2):
9: for i in range(1, n + 1, 2):
12: for i in range(2, n, 2):
13: for i in range(2, n - 1, 2):
14: for i in range(2, n + 1, 2):
15: n = int(input("Enter an integer: "))
16: odd_total = 0
17: odd_total = 1
18: odd_total = i
19: odd_total = odd_total + 1
23: odd_total = odd_total + i
24: print("The even total is 0")
25: print("The even total is", even_total)
26: print("The odd total is 0")
27: print("The odd total is", odd_total)
```