

Write a Python program to calculate the sum of all even numbers between 1 and a given positive integer n

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In [1]: def sum_of_even_numbers(n):  
        sum_even = 0  
        for i in range(2, n + 1, 2):  
            sum_even += i  
        return sum_even  
n = int(input("Enter a positive integer (n): "))  
result = sum_of_even_numbers(n)  
print("Sum of even numbers between 1 and", n, "is:", result)
```

```
Enter a positive integer (n): 56  
Sum of even numbers between 1 and 56 is: 812
```

```
In [ ]:
```