

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

```
Enter a positive integer: 6  
The sum of all even numbers between 1 and 6 is: 12
```

```
In [ ]:
```