[Day-4 2211cs020196] Write a Python program to calculate the sum of all even numbers between 1 and a given positive integer n

In [4]:

```python
def sum_of_even_numbers(n):
    sum_even = 0
    for num in range(1, n + 1):
        if num % 2 == 0:
            sum_even += num
    return sum_even
n = int(input("Enter a positive integer: "))
result = sum_of_even_numbers(n)
print("The sum of all even numbers between 1 and", n, "is:", result)
```

```
Enter a positive integer: 100
The sum of all even numbers between 1 and 100 is: 2550
```

In [ ]: