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In [1]: #Name: Mohith Dande
#1Q
def problem_1():
    return sum(i for i in range(1000) if i % 3 == 0 or i % 5 == 0)

print("Problem 1 Answer:", problem_1())
```

Problem 1 Answer: 233168

```
In [2]: #2Q
def problem_2():
    a, b = 1, 2
    total = 0
    while b <= 4000000:
        if b % 2 == 0:
            total += b
            a, b = b, a + b
        return total

print("Problem 2 Answer:", problem_2())
```

Problem 2 Answer: 4613732