Full Stack Application Development with MS Azure Cloud

Module 3 - Back-End Development & Integration

Lab Practical Manual

Unit 1 - Python Programming Language

Topic: Control statements - Solved Question

Lab 3: Program to find the sum of all even numbers between 1 and a given number

Program

```python
number = int(input("Enter a number: "))
sum_even = 0

for i in range(1, number + 1):
    if i % 2 == 0:
        sum_even += i

print(f"The sum of even numbers between 1 and {number} is {sum_even}.")
```

Output

```
Enter a number: 5
The sum of even numbers between 1 and 5 is 6.
```

Unsolved Question

Lab 4: To print the Fibonacci series for the given length