

```
In [1]: n = int(input("Enter a positive integer: "))

print("Numbers from 1 to", n, "using a for loop:")
for i in range(1, n + 1):
    print(i)

sum_of_numbers = 0
i = 1
while i <= n:
    sum_of_numbers += i
    i += 1

print(f"The sum of all numbers from 1 to {n} is: {sum_of_numbers}")
```

Numbers from 1 to 4 using a for loop:

1
2
3
4

The sum of all numbers from 1 to 4 is: 10

```
In [3]: def calculate_square(n):
        return n ** 2

n = int(input("Enter a positive integer: "))
```

```
result = calculate_square(n)
print(f"The square of {n} is: {result}")
```

The square of 6 is: 36

In []: