

Write a program to print the cube of all numbers from 1 to a given number

Exercise 2: Find the sum of the series upto n terms

```
def sumoftheseriesuptonterms(n):
    sum = 0
    for i in range(1,n+1):
        b = (str(2)*i)
        a = int(b)
        sum = sum + a
    print(sum)

sumoftheseriesuptonterms(2);

n = int(input("Enter the number of terms: "))
sum = 0
for i in range(1, n+1):
    term = int(str(2) * i)
    sum += term
print("Sum of the series is:", sum)
```

2
24
Enter the number of terms: 3
Sum of the series is: 246

For example, the following loop will execute without any error.

```
lower = int(input("Enter the lower range: "))
upper = int(input("Enter the upper range: "))

for num in range(lower, upper + 1):

    if num > 1:
        for i in range(2, num):
            if (num % i) == 0:
                break
        else:
            print(num)
```

Enter the lower range: 1
Enter the upper range: 10
2
3
5
7

The Fibonacci Sequence is a series of numbers. The next number is found by adding up the two numbers before it. The first two numbers are 0 and 1.

For example, 0, 1, 1, 2, 3, 5, 8, 13, 21. The next number in this series above is $13+21 = 34$.

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