**Code for iterative method**

```
def PrintFibonacci(length):
    #Initial variable for the base case.
    first = 0
    second = 1
    #Printing the initial Fibonacci number.
    print(first, second, end=" ")
    #decreasing the length by two because the first 2 Fibonacci numbers
    #already printed.
    length -= 2
    #Loop until the length becomes 0.
    while length > 0:
        #Printing the next Fibonacci number.
        print(first + second, end=" ")
        #Updating the first and second variables for finding the next number.
        temp = second
        second = first + second
        first = temp
        #Decreasing the length that states the Fibonacci numbers to be
        #printed more.
        length -= 1
if __name__ == "__main__":
    print("Fibonacci Series - ")
    PrintFibonacci(8)
    pass
```

**OUTPUT**

0 1 1 2 3 5 8 13

**Code for recurrsive method**

```
def PrintFibonacci(first, second, length):
    #Stop the printing and recursive calling if length reaches
    #the end.
    if(length == 0):
        return
    #Printng the next Fibonacci number.
    print(first + second, end=" ")
    #Recursively calling the function by updating the value and
    #decrementing the length.
    PrintFibonacci(second, first+second, length-1)
if __name__ == "__main__":
    #Print initial 2 values.
    print(0,1,end=" ")
    #Calling the Function to print the remaining length
    #fibonacci series
    PrintFibonacci(0,1,10-2)
```

**OUTPUT**

0 1 1 2 3 5 8 13 21 34