

```
#include <stdio.h>

int main(){
    int n, k, i, a[100], sum = 0;
    scanf("%d %d", &k, &n);
    // Store the first k-FF numbers in an array
    for(i = 0; i < k; i++)
        sum += (a[i] = i); // find the sum of all the first k-FF numbers
    // i = k when exiting the loop
    do{
        // Loop invariant - sum always stores sum of previous k FF-numbers
        a[i] = sum; // definition of k-FF numbers
        // Satisfy the loop invariant for the next iteration
        sum += a[i];
        sum -= a[i-k];
        i++; // Find the next k-FF number
    }while(i < n);

    printf("%d %d", a[k], a[n-1]); // Print (k+1)-th and nth k-FF number
    return 0;
}
```