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#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <arpa/inet.h>

#define PORT 12345

int main() {
    int windowSize = 4; // Adjust the window size as needed
    int sequenceNumber = 0;

    int senderSocket;
    struct sockaddr_in senderAddr;

    senderSocket = socket(AF_INET, SOCK_STREAM, 0);
    if (senderSocket < 0) {
        perror("Socket creation error");
        exit(1);
    }

    memset(&senderAddr, 0, sizeof(senderAddr));
    senderAddr.sin_family = AF_INET;
    senderAddr.sin_port = htons(PORT);
    senderAddr.sin_addr.s_addr = inet_addr("127.0.0.1");

    if (connect(senderSocket, (struct sockaddr*)&senderAddr, sizeof(senderAddr)) < 0) {
        perror("Connection error");
        exit(1);
    }

    while (sequenceNumber < windowSize) {
        send(senderSocket, &sequenceNumber, sizeof(sequenceNumber), 0);
        sequenceNumber++;
    }

    close(senderSocket);
    return 0;
}

```