```c
#include <stdio.h>

int main() {

    float gradePoints[5] = {4.0, 3.5, 3.0, 3.0, 3.5};
    int credits[5] = {3, 4, 3, 2, 4};

    int k = 5;


    float totalWeightedGradePoints = 0.0;
    int totalCredits = 0;

    for (int i = 0; i < k; i++) {
        totalWeightedGradePoints += (gradePoints[i] * credits[i]);
        totalCredits += credits[i];
    }

    // Calculate SPI
    float spi = totalWeightedGradePoints / totalCredits;


    printf("SPI for k = 5 is: %.2f\n", spi);

    return 0;
}
```