#include <stdio.h>

#include <string.h>

#define NAME\_LENGTH 50

//calculate average mark

float calculateAverage(const float marks[], int count);{

float sum = 0;

for (int i = 0; i < count; i++) {

sum += marks[i];

}

return sum / count;

}

int main() {

char names[3][NAME\_LENGTH];

float marks[3];

// input three names and marks

for (int i = 0; i < 3; i++) {

printf("Enter the name of student %d ：", i + 1);

scanf("%[^\n]", names[i]);

getchar();

printf("Enter the name of student %d ：", i + 1);

scanf("%f", &marks[i]);

getchar();

}

//dispaly students name mark and average mark

void displayStudentData(const char names[][NAME\_LENGTH], const float marks[]); {

int count = 3;

for (int i = 0; i < count; i++) {

printf("student name：%s，mark：%.2f\n", names[i], marks[i]);

}

float average = calculateAverage(marks, count);

printf("average mark：%.2f\n", average);

}

//display name and mark

displayStudentData(names, marks);

return 0;

}