// 9-1. 난이도: 하

#include <stdio.h>

#define SIZE 4

typedef struct nums{

int num;

}Nums;

void Swap(int\* num1, int\* num2);

void main(){

int i;

Nums number[SIZE];

for (i = 0; i < SIZE; i++){

scanf\_s("%d", &number[i].num);

}

for (i = 0; i < SIZE - 1; i++){

if (number[i].num > number[i + 1].num)

Swap(&number[i].num, &number[i + 1].num);

}

for (i = 0; i < SIZE; i++){

printf("%d ", number[i].num);

}

}

void Swap(int\* num1, int\* num2){

int tmp;

tmp = \*num1;

\*num1 = \*num2;

\*num2 = tmp;

}

//9-2. 난이도: 하

#include <stdio.h>

enum months{

JAN = 1, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC

};

void main(){

enum months month;

int i;

const char \*seasonName[] = { "Spring", "Summer", "Fall", "Winter" };

for (i = JAN; i <= DEC; i++){

if (i >= MAR && i <= MAY)

printf("%s\n", seasonName[0]);

else if (i >= JUN && i <= AUG)

printf("%s\n", seasonName[1]);

else if (i >= SEP && i <= NOV)

printf("%s\n", seasonName[2]);

else

printf("%s\n", seasonName[3]);

}

}

// 9-3. 난이도: 하-중

#include <stdio.h>

#define SIZE 3

typedef struct score{

int kor;

int eng;

int math;

double average;

}Score;

void main(){

int i;

double kor\_average = 0, eng\_average = 0, math\_average = 0;

Score score[SIZE];

for (i = 0; i < SIZE; i++){

scanf\_s("%d", &score[i].kor);

scanf\_s("%d", &score[i].eng);

scanf\_s("%d", &score[i].math);

score[i].average = (score[i].kor + score[i].eng + score[i].math) / 3;

}

for (i = 0; i < SIZE; i++){

kor\_average += score[i].kor;

eng\_average += score[i].eng;

math\_average += score[i].math;

}

kor\_average /= SIZE;

eng\_average /= SIZE;

math\_average /= SIZE;

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

printf("%lf\n", score[i].average);

}

printf("%lf %lf %lf\n", kor\_average, eng\_average, math\_average);

}