//Pointer\_문제1 난이도: 하

#include<stdio.h>

int main()

{

int arr[] = { 1, 2, 3, 4, 5 };

int \*p = arr;

int i = 0;

for (i = 0; i<5; i++) {

(\*p) = (\*p)\*10;

p++;

}

printf("%d %d %d %d %d\n", arr[0], arr[1], arr[2], arr[3], arr[4]);

return 0;

}

//Pointer\_문제2 난이도: 중

#include<stdio.h>

void sum\_and\_sub(int\* a, int\* b);

int main()

{

int a, b;

scanf\_s("%d %d", &a, &b);

sum\_and\_sub(&a, &b);

printf("%d %d\n", a, b);

}

void sum\_and\_sub(int\* a, int\* b){

int sum, sub;

sum = \*a + \*b;

sub = \*a - \*b;

\*a = sum;

\*b = sub;

}

//Pointer\_문제3 난이도: 중상

#include <stdio.h>

#include <stdlib.h>

int main()

{

char\* string = '\0';

char temp[100];

int i, len = 0;

scanf\_s("%s", temp, sizeof(temp)); // scanf 쓸때 수정

while (temp[len] != '\0') {

len++;

}

string = (char\*)malloc((len + 1) \* sizeof(char));

for (i = 0; i<len + 1; i++) {

string[i] = temp[i];

}

printf("%s\n", string);

return 0;

}