homework.c

10thweek > homework.c > ...

```c
#include <stdio.h>
#include <conio.h>

void ex_01(void){
    double source[] = {1.21, 3.43, 5.65, 7.87, 8.98}, target[sizeof(source)/sizeof(double)] = { 0 }, *da, *db;
    da = source;
    db = target;

    for(int i = 0; i < (sizeof(source)/sizeof(double)); i++){
        *db = *da;
        da++;
        db++;
    }

    printf("source = ");
    for(int i = 0; i < (sizeof(source)/sizeof(double)); i++){
        printf("%.2f, ", source[i]);
    }
    printf("\ntarget = ");
    for(int i = 0; i < (sizeof(target)/sizeof(double)); i++){
        printf("%.2f, ", target[i]);
    }

}

void ex_02(void){
    double source[] = {1.21, 3.43, 5.65, 7.87, 8.98}, target[sizeof(source)/sizeof(double)] = { 0 }, num, *da, *db;
    da = source;
    db = target;

    printf("\nsource = ");
    for(int i = 0; i < (sizeof(source)/sizeof(double)); i++){
        printf("%.2lf, ", source[i]);
    }

    printf("\nsource 각 원소에 더할 값 입력 : ");
    scanf("%lf", &num);
    while(getchar() != '\n');   //3번 문제를 실행할 때 영향을 주지 않기 위해 넣은 엔터버퍼 제거

    for(int i = 0; i < (sizeof(source)/sizeof(double)); i++){
        *db = (*da + num);
        da++;
        db++;
    }


    printf("target = ");
    for(int i = 0; i < (sizeof(target)/sizeof(double)); i++){
        printf("%.2lf, ", target[i]);
    }
}

void ex_03(void){
    char str[50], *p;
    int count = 0;
    p = str;

    printf("문자열입력 : ");
    gets(str);

    while(*p){
        count++;
        p++;
    }
    printf("입력된 문자열 길이 = %d", count);
}

int main(void){
    printf("c_10_전지훈_20175336\n");
    printf("ex_01\n");
    ex_01();
    printf("\nex_02");
    ex_02();
    printf("\nex_03\n");
    ex_03();
}
```

문제 출력 디버그 콘솔 터미널 2: Code

```
PS C:\Users\wjswl\OneDrive\문서\C_workspace> cd "c:\Users\wjswl\OneDrive\문서\C_workspace\10thweek\" ; if ($?) { gcc homework.c -o homework } ; if ($?) { .\homework }
c_10_전지훈_20175336
ex_01
source = 1.21, 3.43, 5.65, 7.87, 8.98,
target = 1.21, 3.43, 5.65, 7.87, 8.98,
ex_02
source = 1.21, 3.43, 5.65, 7.87, 8.98,
source 각 원소에 더할 값 입력 : 0.1
target = 1.31, 3.53, 5.75, 7.97, 9.08,
ex_03
문자열입력 : apple
입력된 문자열 길이 = 5
PS C:\Users\wjswl\OneDrive\문서\C_workspace\10thweek>
```

줄 1, 열 19 공백: 4 EUC-KR CRLF C Win32