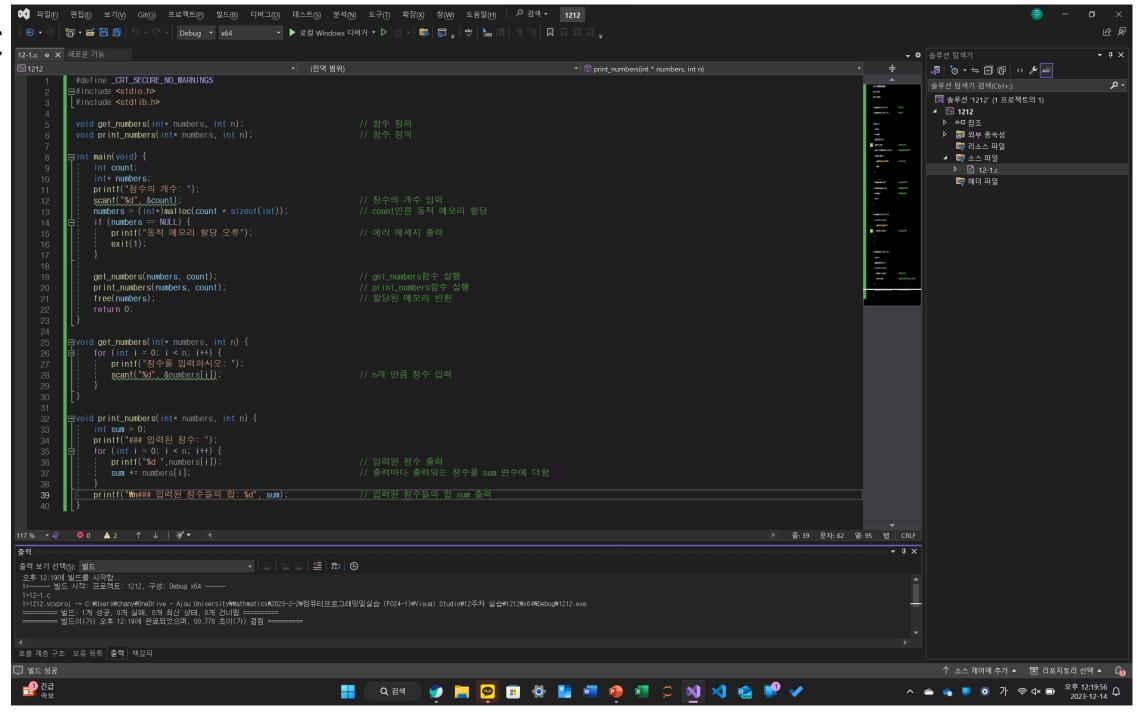
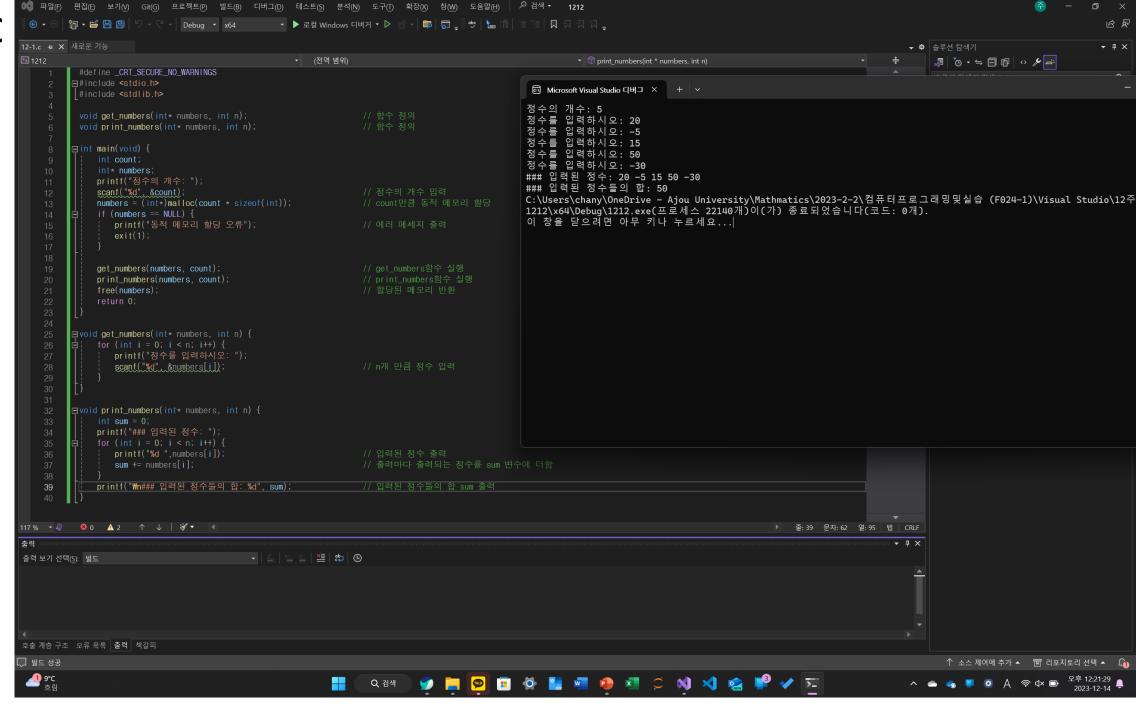
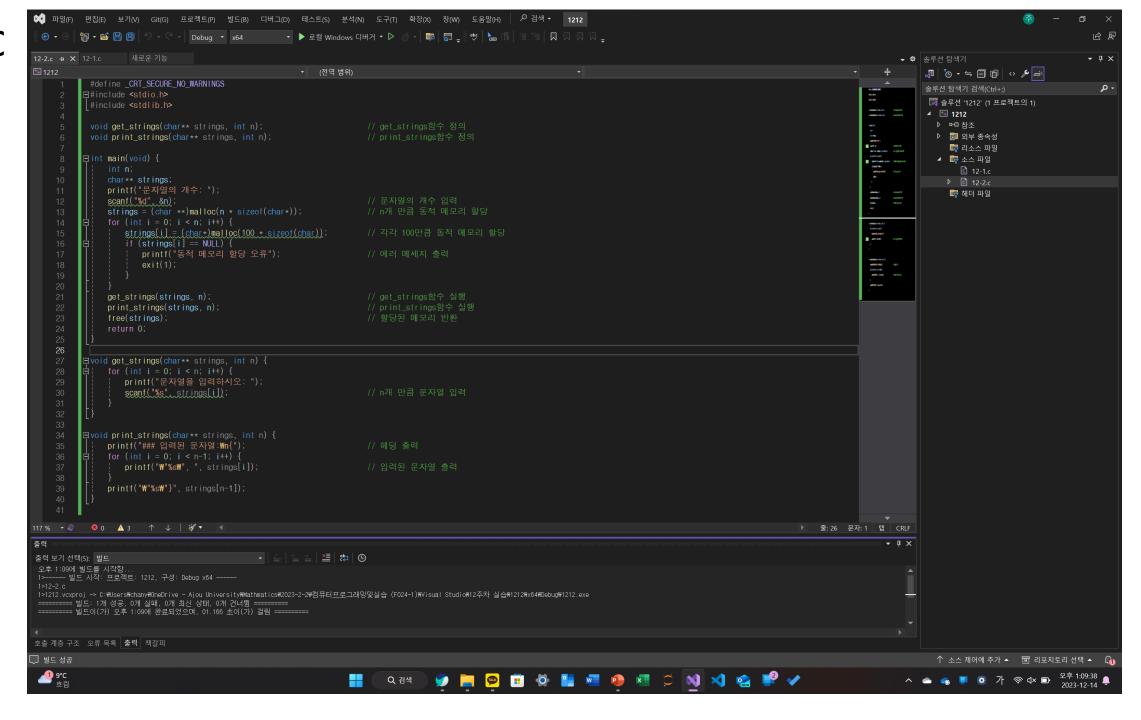
12 - 1.0



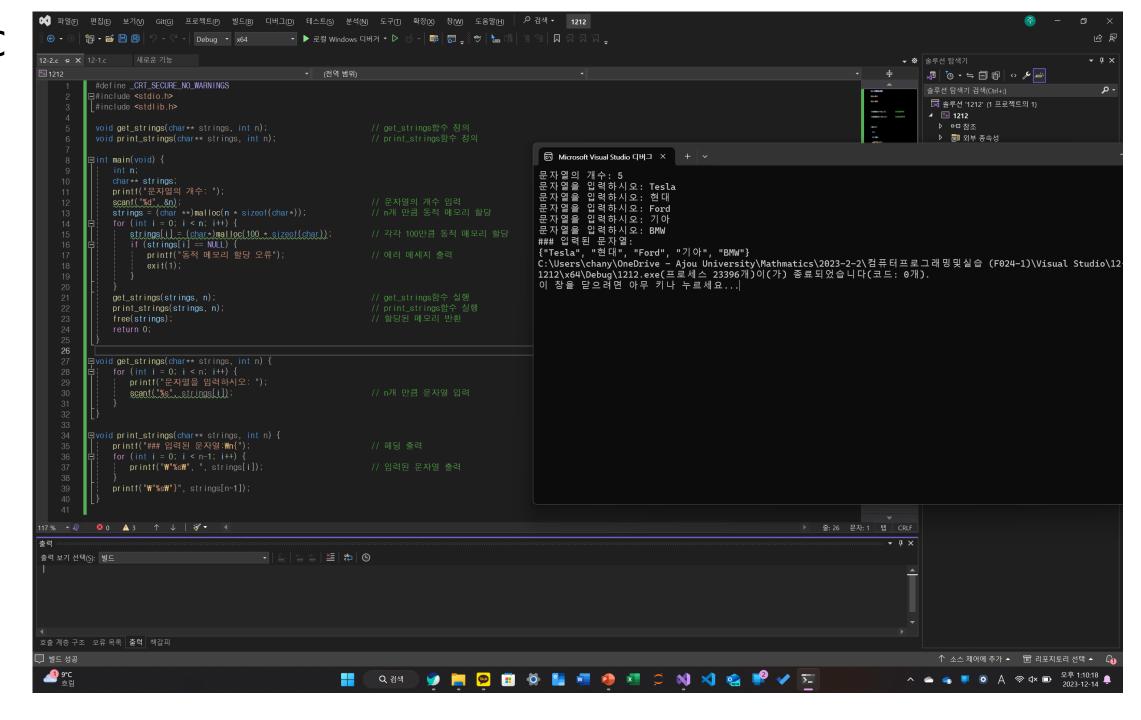
12 - 1.c



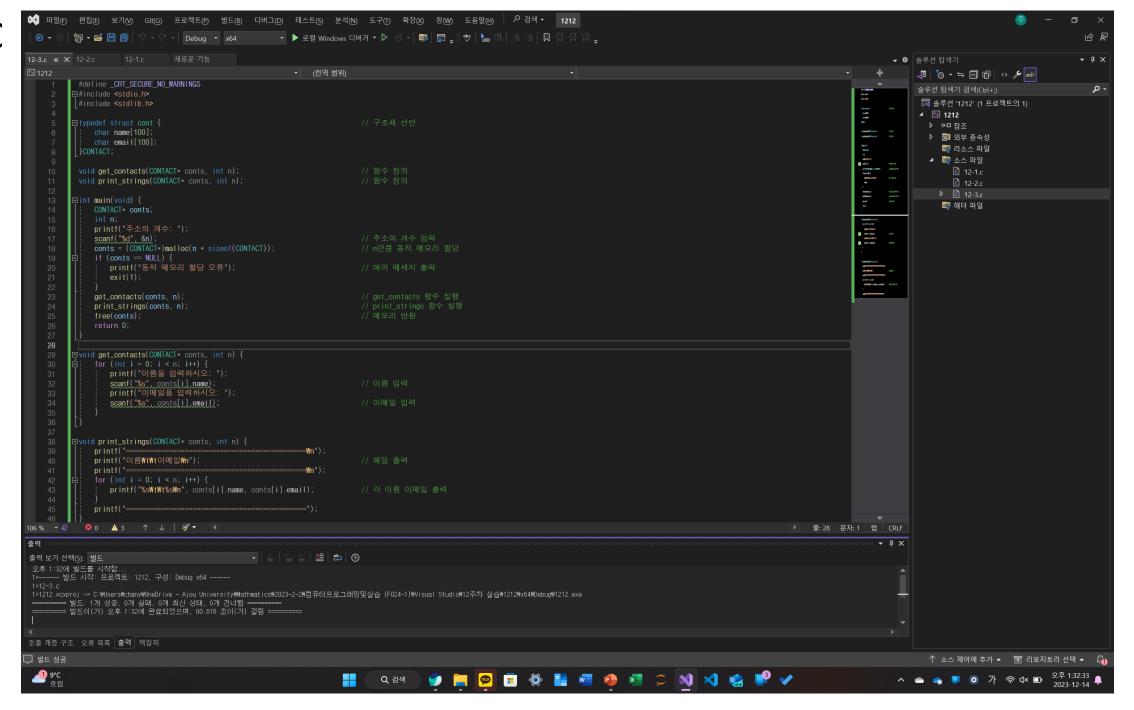
# 12-2.c



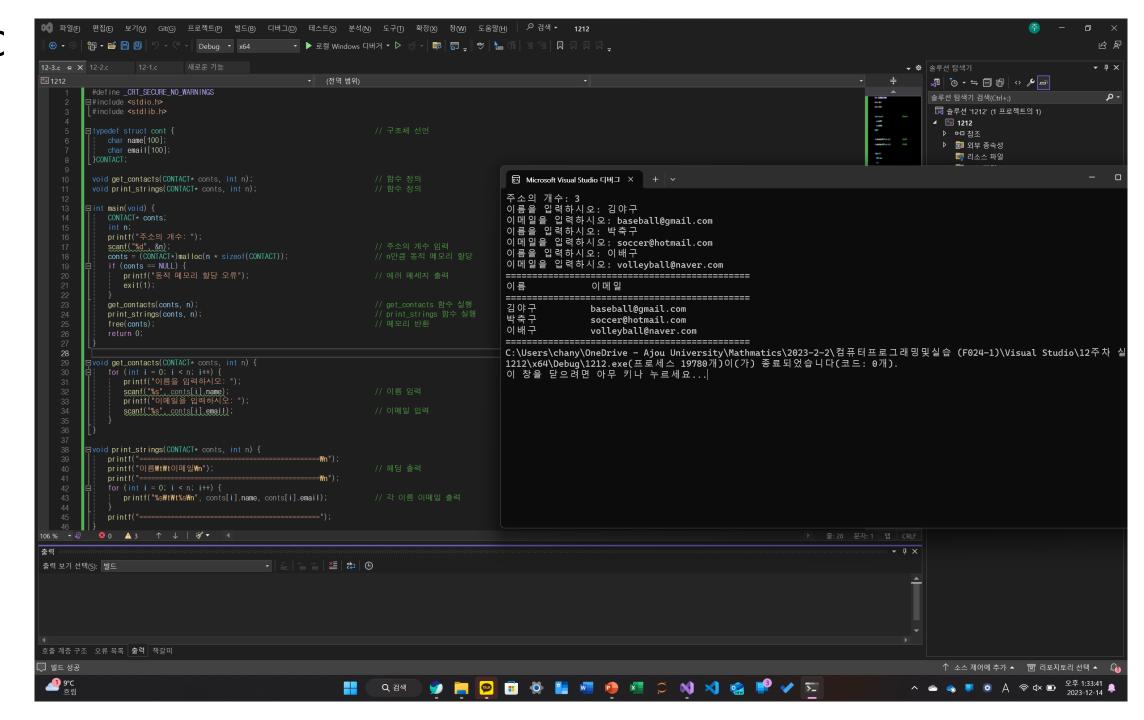
## 12-2.c



12-3.c



### 12-3.c



### 12-4.0

```
∃#include <stdio.h>
#include <stdlib.h>
∃typedef struct node {
    int data;
    struct node* link;
  NODE;
 int get_integer();
void print_list(NODE* plist);
void free list(NODE* plist);
∃int main() {
    NODE* plist = NULL;
    while (1) {
        int n = get_integer();
        if (n < 0) break;
        NODE* node = (NODE*)malloc(sizeof(NODE));
        if (node == NULL) {
            printf("메모리 할당 오류\n");
            exit(1);
        node->data = n;
        node->link = NULL;
            plist = node;
        else {
            NODE* temp = plist;
            while (temp->link != NULL) {
                temp = temp->link;
            temp->link = node;
    print list(plist);
    free_list(plist);
    return 0;
```

```
⊡int get_integer() {
           int n;
           printf("양의 정수를 입력하시오 (종료하려면 -1을 입력): ");
           scanf("%d", &n);
           return n;
      ⊡void print_list(NODE* plist) {
           printf("### 입력된 연결 리스트: ");
           NODE* temp = plist;
           while (temp != NULL) {
              printf("%d", temp->data);
              if (temp->link != NULL) {
                 printf("->");
              else {
                 printf("->NULL₩n");
              temp = temp->link;
      □void free_list(NODE* plist) {
           NODE* temp;
           while (plist != NULL) {
              temp = plist;
              plist = plist->link;
              free(temp);
  역 보기 선택(S): 빌드
12-4.c
코드를 생성하고 있습니다...
1212.vcxproj -> C:\Users\chany\noneDrive - Ajou University\mathmatics\2023-2-2새컴퓨터프로그래밍및실습 (F024-1)\Visual Studio\12주차 실습\1212\x64\Debug\1
:====== 빌드: 1개 성공, 0개 실패, 0개 최신 상태, 0개 건너뜀 ========
 ====== 빌드이(가) 오후 1:57에 완료되었으며, 02.270 초이(가) 걸림 ========
```

#### 12-4.c

