**자료구조론 CC343\_2207**

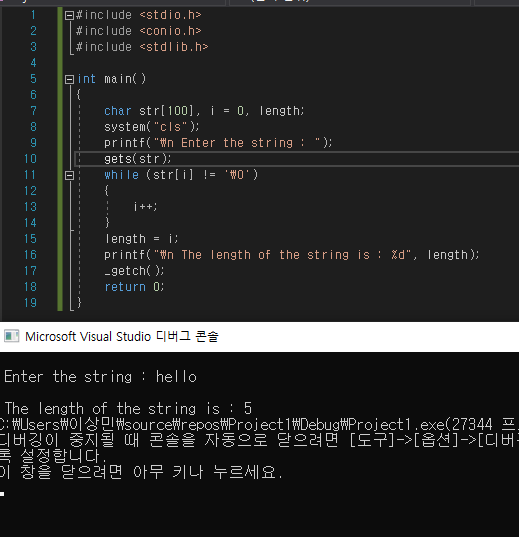
**Programming assignment 2**

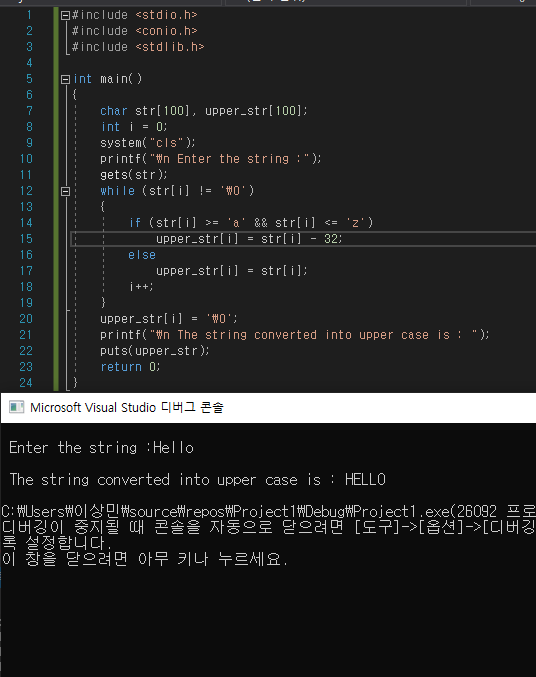
**경기대학교 컴퓨터공학부**

**201511837 이상민**

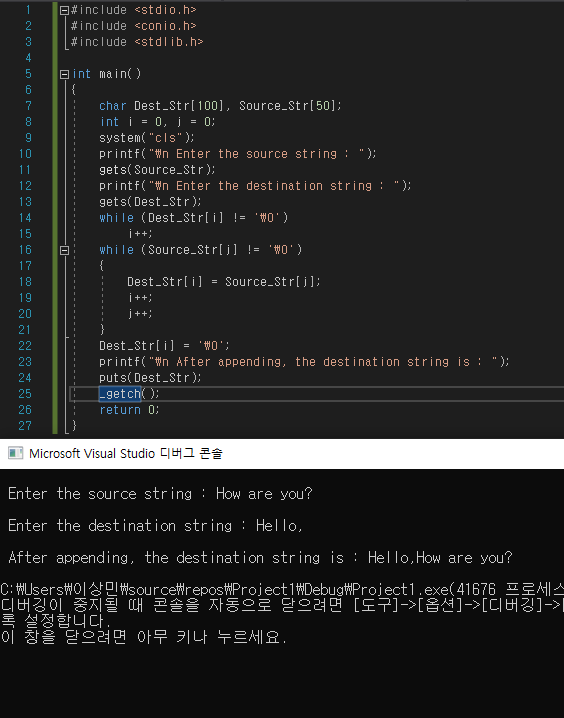
**Programming Examples**

**1.**

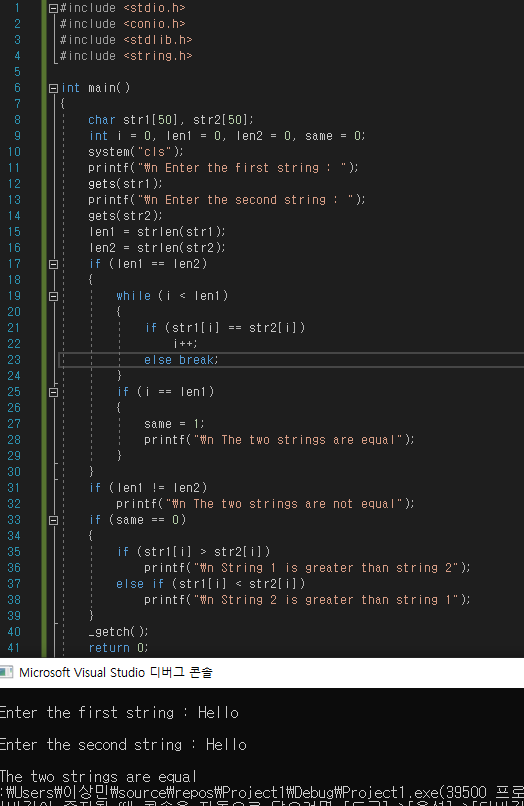
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**2. **

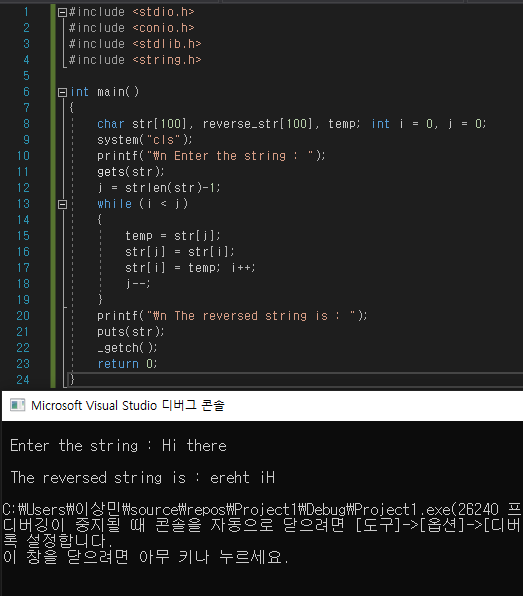
**3.**

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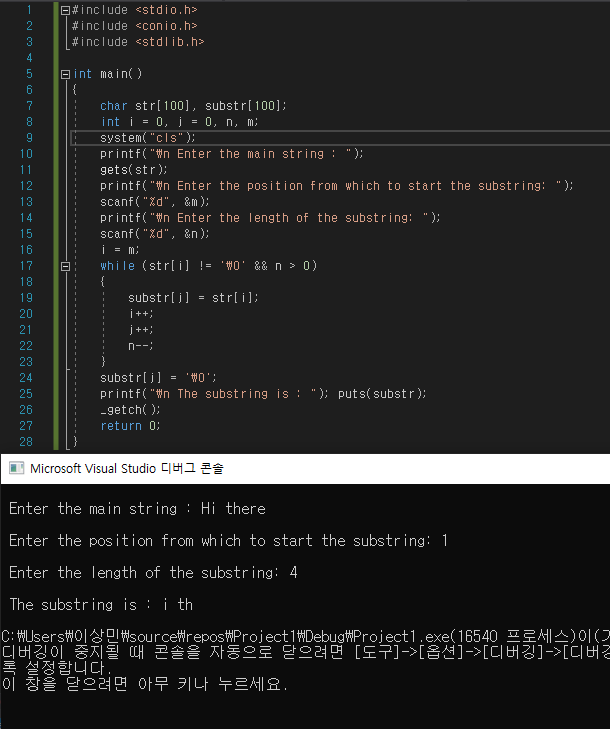
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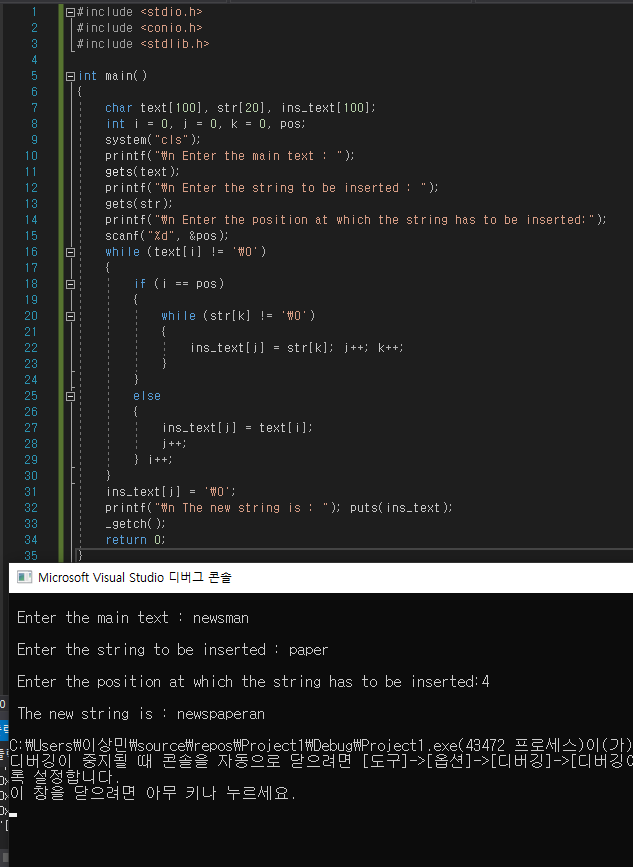
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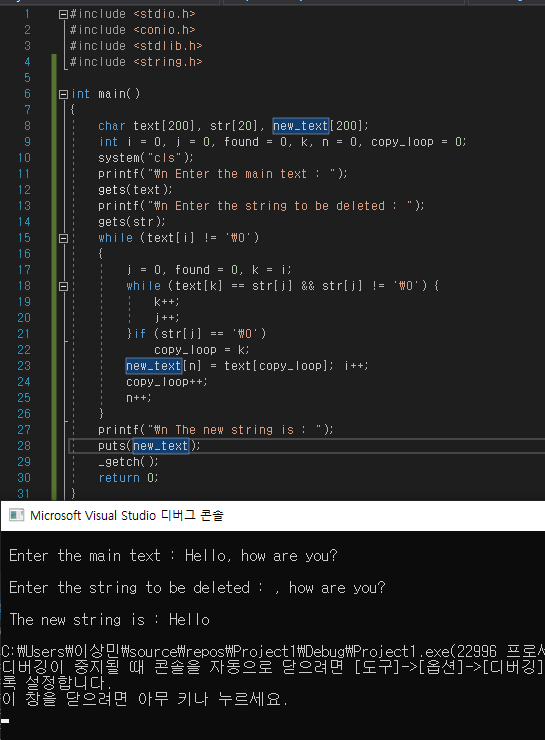
**6.**

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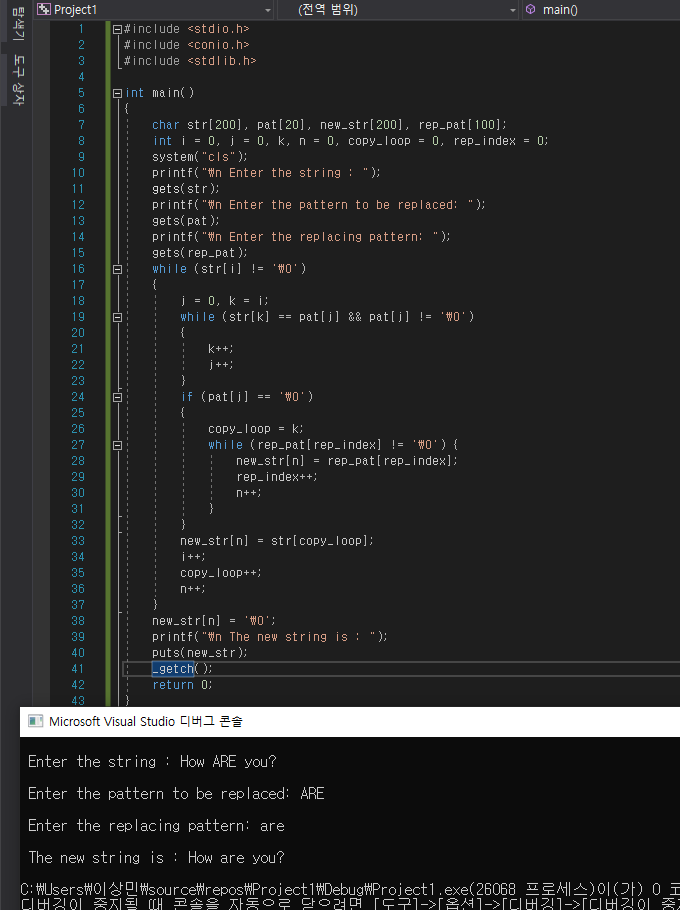
**7.**

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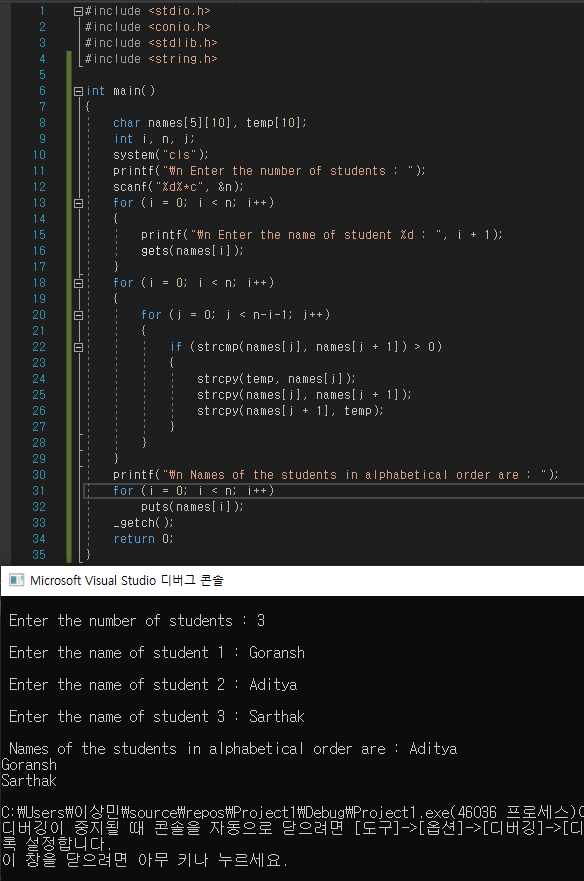
**8.**

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**9.**

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**10.**

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**#include <stdio.h>**

**#include <conio.h>**

**#include <stdlib.h>**

**#include <string.h>**

**int main()**

**{**

**char names[5][10], temp[10];**

**int i, n, j;**

**system("cls");**

**printf("\n Enter the number of students : ");**

**scanf("%d%\*c", &n);**

**for (i = 0; i < n; i++)**

**{**

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

**gets(names[i]);**

**}**

**for (i = 0; i < n; i++)**

**{**

**for (j = 0; j < n-i-1; j++)**

**{**

**if (strcmp(names[j], names[j + 1]) > 0)**

**{**

**strcpy(temp, names[j]);**

**strcpy(names[j], names[j + 1]);**

**strcpy(names[j + 1], temp);**

**}**

**}**

**}**

**printf("\n Names of the students in alphabetical order are : ");**

**for (i = 0; i < n; i++)**

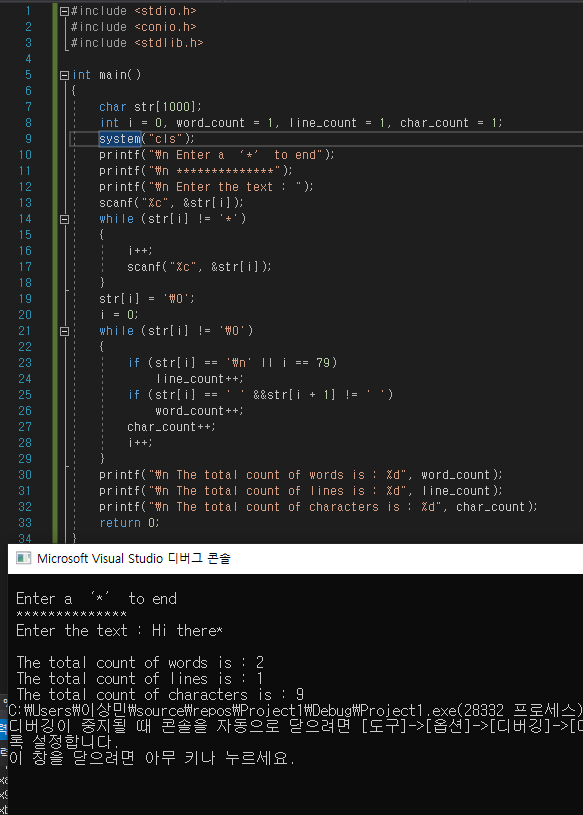
**puts(names[i]);**

**\_getch();**

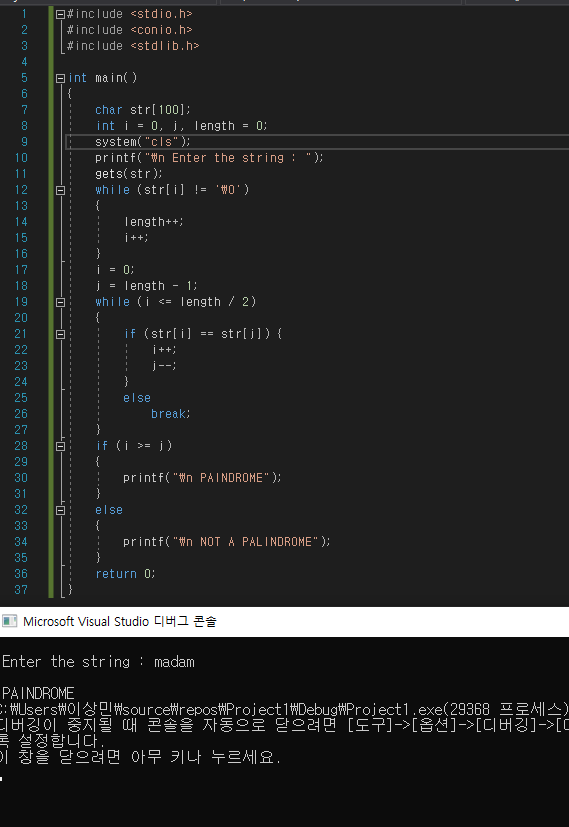
**return 0;**

**}**

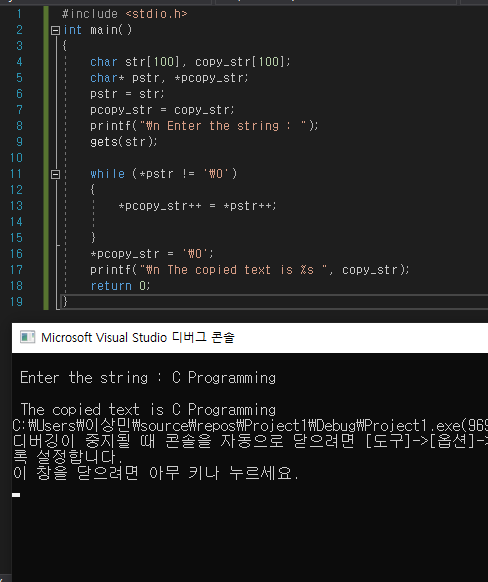
**11.**

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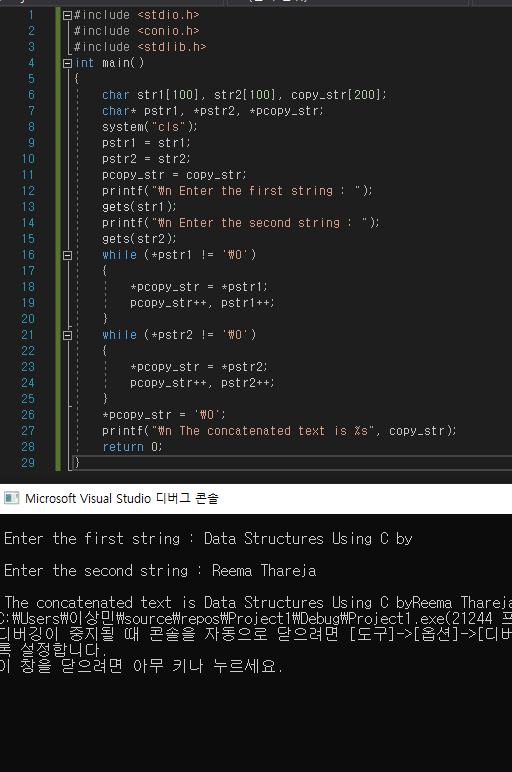
**12.**

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**13.**

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**14.**

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