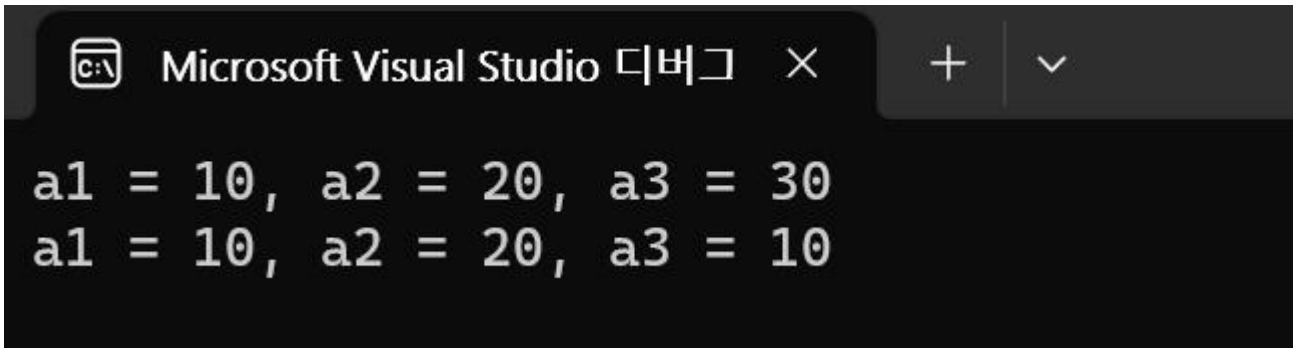
2019313550_박병현

실습 1.

```c
#include <stdio.h>

int main() {
    int a1, a2, a3;
    a1 = 10;
    a2 = 20;
    a3 = a1 + a2;
    printf("a1 = %d, a2 = %d, a3 = %d \n", a1, a2, a3);
    a3 = a2 / 2;
    printf("a1 = %d, a2 = %d, a3 = %d\n", a1, a2, a3);
    return 0;
}
```

실습 1 실행화면.

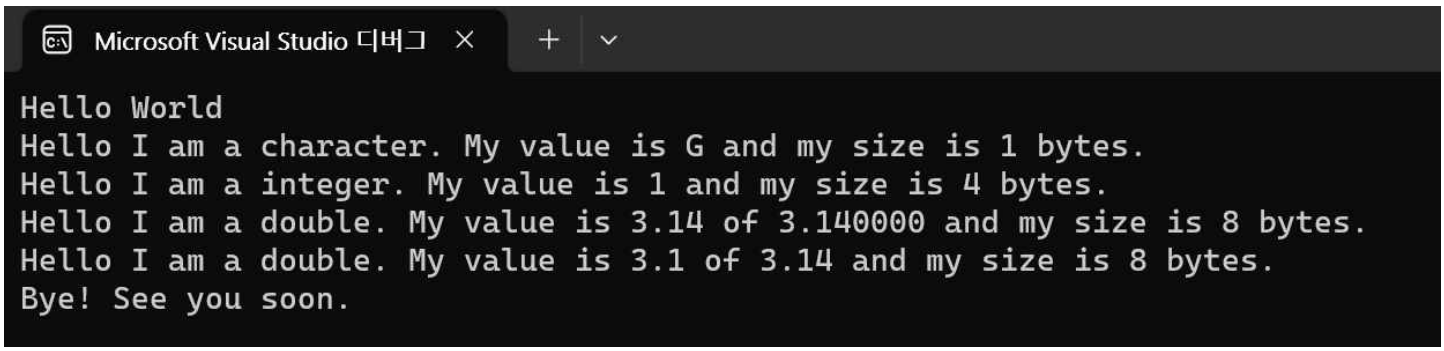


2019313550_박병현

실습 2.

```c
#include <stdio.h>

int main() {
    int a = 1;
    char b = 'G';
    double c = 3.14;

    printf("Hello World\n");

    printf("Hello I am a character. My value is %c and my size is %lu bytes. \n", b, sizeof(char));

    printf("Hello I am a integer. My value is %d and my size is %lu bytes. \n", a, sizeof(int));

    printf("Hello I am a double. My value is %g of %lf and my size is %lu bytes. \n", c, c, sizeof(double));

    printf("Hello I am a double. My value is %.2g of %.2lf and my size is %lu bytes. \n", c, c, sizeof(double));

    printf("Bye! See you soon. \n");
    return 0;
}
```

실습 2 실행화면.

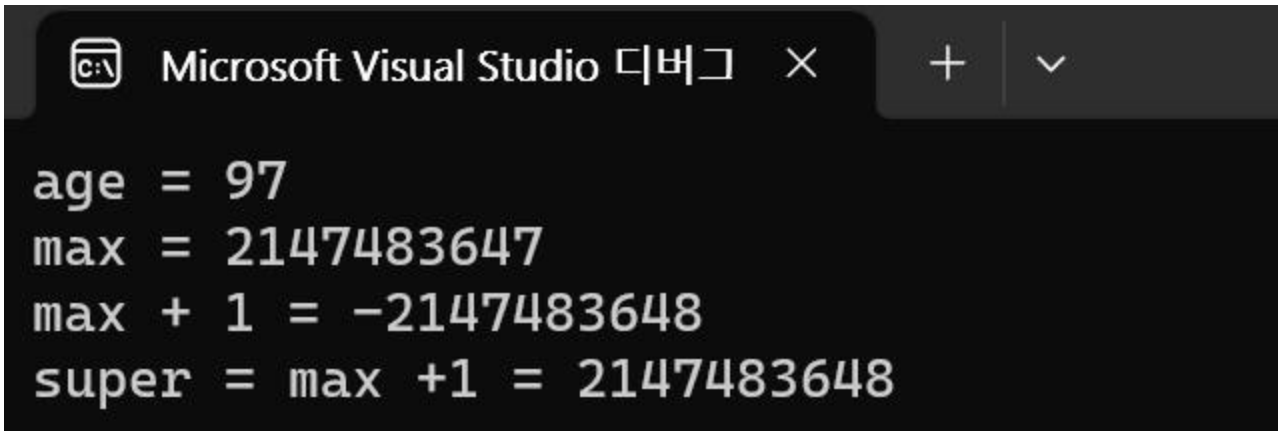


2019313550_박병현

실습 3.

```c
#include <stdio.h>

int main() {
    unsigned char age = 97;
    int max = 2147483647; // int range: (-2^31) ~ (2^31-1)
    int max_plus_1 = max + 1; // this line makes overflow!!
    unsigned int super = max + 1; //unsigned int range 0~(2^31-1)

    printf("age = %d\nmax = %d\n", age, max);
    printf("max + 1 = %d\n", max_plus_1);
    printf("super = max +1 = %u\n", super);

    return 0;
}
```

실습 3 실행화면.



2019313550_박병현

실습 4.

```c
#include <stdio.h>

int main() {
    double width, height, area;
    width = 3.0;
    height = 5.0;
    area = width * height / 2.0;

    printf("밑변 %lfcm, 높이 %lfcm, 삼각형의 넓이 %lfcm²\n", width, height, area);
    return 0;
}
```

실습 4 실행화면.