2019313550_박병현

실습 1.

```c
#include <stdio.h>

int main() {
    int a = 9, b = 4, c = 0;
    c = a + b;
    printf("a+b = %d \n", c);
    c = a - b;
    printf("a-b = %d \n", c);
    c = a * b;
    printf("a*b = %d \n", c);
    c = a / b;
    printf("a/b = %d \n", c);
    c = a % b;
    printf("a%%b = %d \n", c);
    return 0;
}
```

실습 1 실행화면.

2019313550_박병현

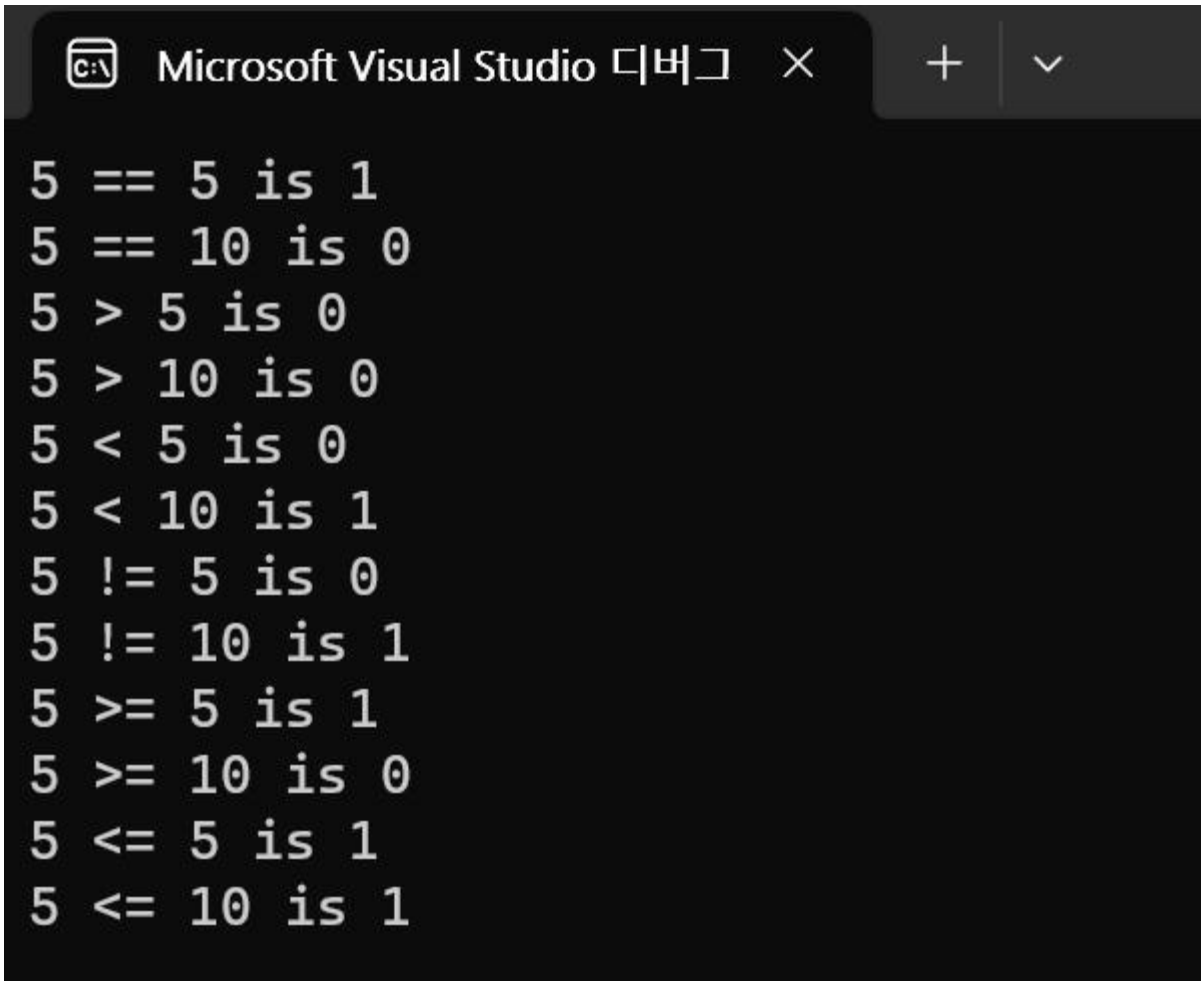
실습 2.

```c
#include <stdio.h>

int main() {
    int a = 5, b = 5, c = 10;

    printf("%d == %d is %d \n", a, b, a == b);
    printf("%d == %d is %d \n", a, c, a == c);
    printf("%d > %d is %d \n", a, b, a > b);
    printf("%d > %d is %d \n", a, c, a > c);
    printf("%d < %d is %d \n", a, b, a < b);
    printf("%d < %d is %d \n", a, c, a < c);
    printf("%d != %d is %d \n", a, b, a != b);
    printf("%d != %d is %d \n", a, c, a != c);
    printf("%d >= %d is %d \n", a, b, a >= b);
    printf("%d >= %d is %d \n", a, c, a >= c);
    printf("%d <= %d is %d \n", a, b, a <= b);
    printf("%d <= %d is %d \n", a, c, a <= c);
    return 0;
}
```

실습 2 실행화면.



2019313550_박병현

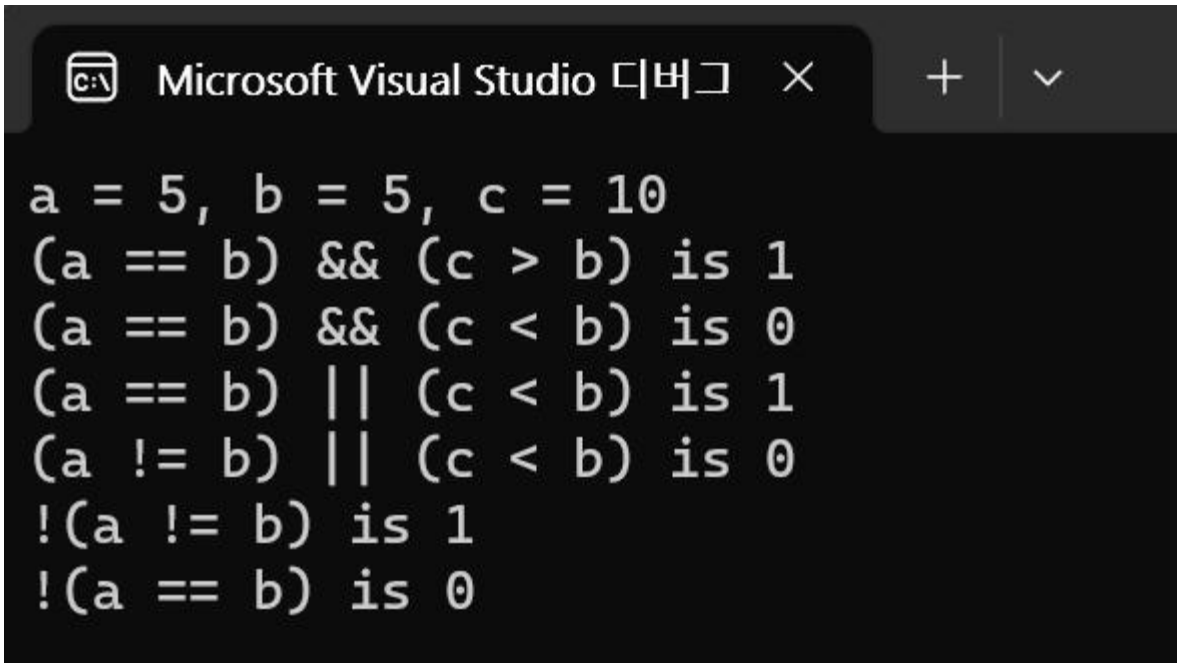
실습 3.

```c
#include <stdio.h>

int main() {
    int a = 5, b = 5, c = 10, result;

    printf("a = %d, b = %d, c = %d \n", a, b, c);
    result = (a == b) && (c > b);
    printf("(a == b) && (c > b) is %d \n", result);
    result = (a == b) && (c < b);
    printf("(a == b) && (c < b) is %d \n", result);
    result = (a == b) || (c < b);
    printf("(a == b) || (c < b) is %d \n", result);
    result = (a != b) || (c < b);
    printf("(a != b) || (c < b) is %d \n", result);
    result = !(a != b);
    printf("!(a != b) is %d \n", result);
    result = !(a == b);
    printf("!(a == b) is %d \n", result);
    return 0;
}
```

실습 3 실행화면.



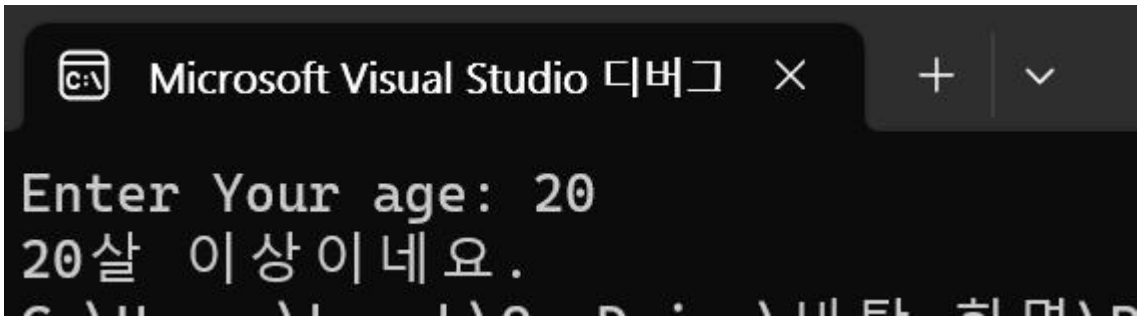
2019313550_박병현

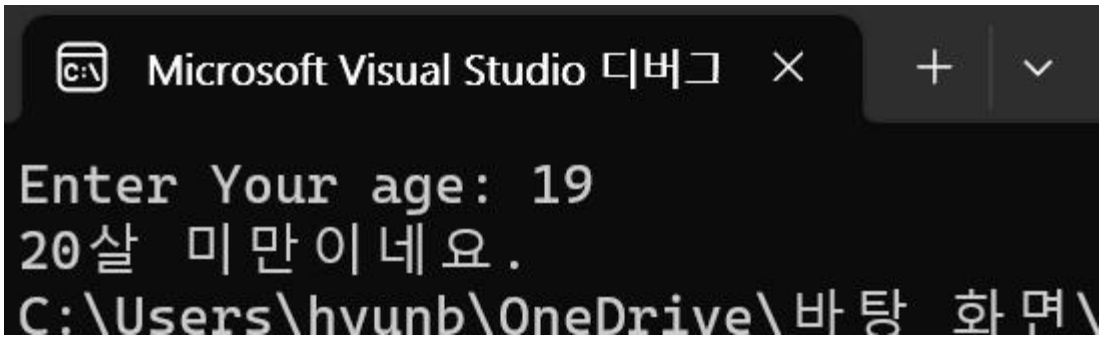
실습 4.

```c
#include <stdio.h>

int main() {
    int age = 0;
    printf("Enter Your age: ");
    scanf("%d", &age);
    (age >= 20) ? printf("20살 이상이네요.") : printf("20살 미만이네요.");
    return 0;
}
```

실습 4 실행화면.





2019313550_박병현

실습 5.

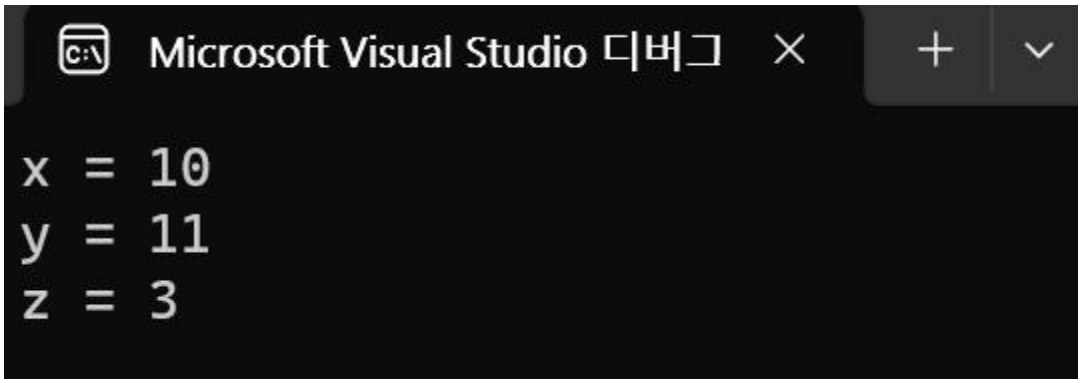
```c
#include <stdio.h>

int main() {
    int x = 1, y = 2, z = 3;

    x = ++x * 5;
    y = y++ * 5;
    z = 5 - --z;

    printf("x = %d\n", x);
    printf("y = %d\n", y);
    printf("z = %d\n", z);
    return 0;
}
```

실습 5 실행화면.



2019313550_박병현

실습 6.

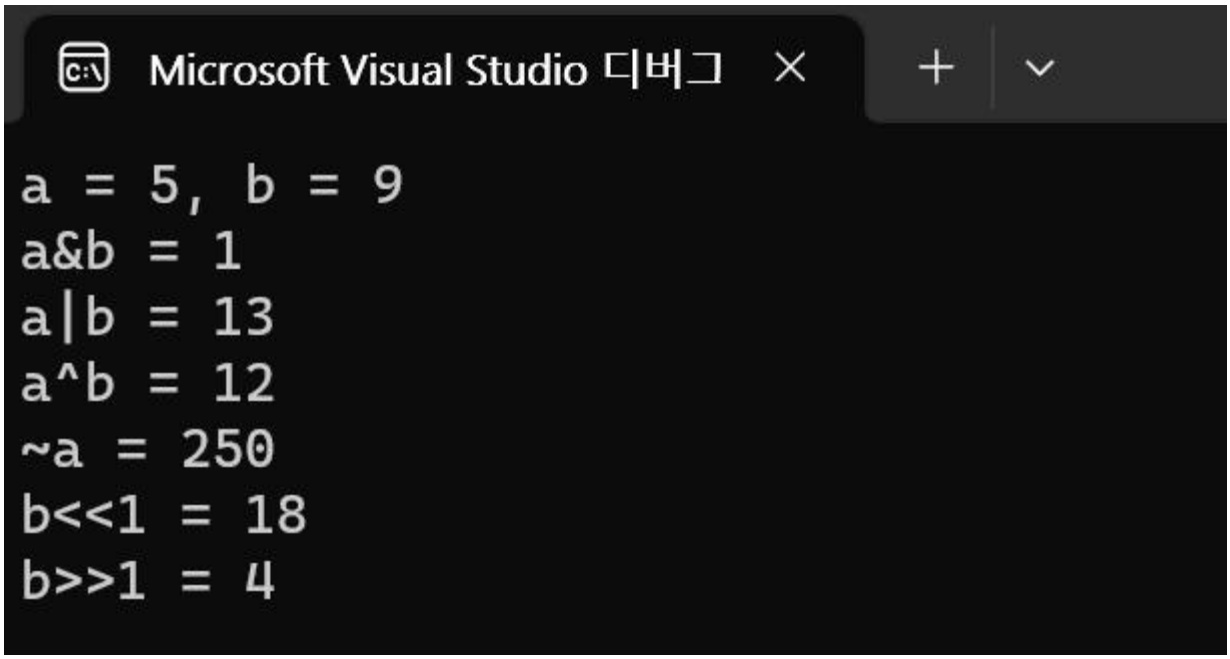
```c
#include <stdio.h>

int main() {
    //a = 5(00000101), b =(00001001)
    unsigned char a = 5, b = 9;

    printf("a = %d, b = %d \n", a, b);
    printf("a&b = %d \n", a & b);
    printf("a|b = %d \n", a | b);
    printf("a^b = %d \n", a ^ b);
    printf("~a = %d \n", a = ~a);
    printf("b<<1 = %d \n", b << 1);
    printf("b>>1 = %d \n", b >> 1);

    return 0;
}
```

실습 6 실행화면.



2019313550_박병현

실습 7.

```c
#include <stdio.h>

int main() {
    int x = 10; // integer x
    char y = 'a'; // character c
    // y implicitly converted to in. ASCII
    // calue of 'a' is 97
    x = x + y;

    // x is implicitly converted to float
    float z = x + 1.0;

    printf("x = %d, z = %f", x, z);
    return 0;
}
```

실습 7 실행화면.

2019313550_박병현

실습 8.

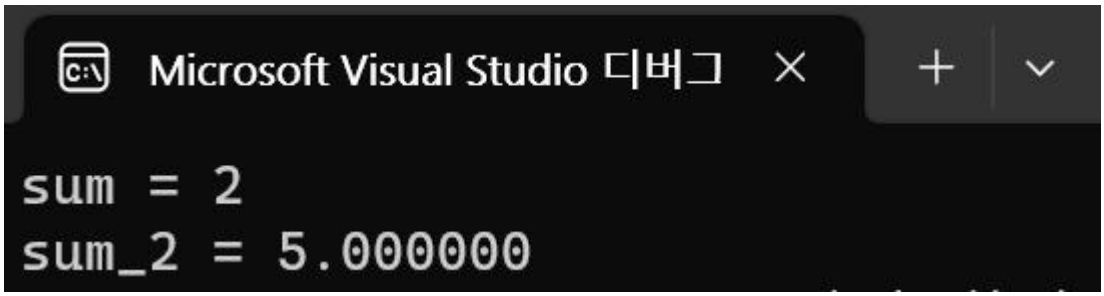
```c
#include <stdio.h>

int main() {
    double x = 1.2;

    // Explicit conversion from double to int
    int sum = (int)x + 1;
    float sum_2 = (float)sum + 3.0;

    printf("sum = %d\n", sum);
    printf("sum_2 = %f", sum_2);
    return 0;
}
```

실습 8 실행화면.



2019313550_박병현

실습 9.

```c
#include <stdio.h>

int main() {
    int n1, n2, max, min;
    printf("두 정수 입력 : ");
    scanf("%d %d", &n1, &n2);
    (n1 > n2) ? (max = n1, min = n2) : (max = n2, min = n1);
    printf(">> 큰 수 / 작은 수 = %d\n", max / min);
    printf(">> 큰 수 %% 작은 수 = %d\n", max % min);
}
```

실습 9 실행화면.