

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

```
//자가진단 8번 (지난 숙제에 10장 배열 문제는 다 풀어놨습니다)
```

```
void ggdan(int x, int y);
```

```
int main() {
```

```
    int num[2];
```

```
    scanf("%d%d", &num[0], &num[1]);
```

```
    ggdan(num[0], num[1]);
```

```
    return 0;
```

```
}
```

```
void ggdan(int x, int y) {
```

```
    int max, min;
```

```
    if (x >= y) max = x, min =y;
```

```
    else max = y, min =x;
```

```
    for (int i = min; i <= max; i++)
```

```
    {
```

```
        printf("== %ddan ==\n", i);
```

```
        for (int j = 1; j <= 9; j++)
```

```
        {
```

```
            printf("%d * %d = %d\n", i, j, i * j);
```

```
        }
```

```
    }
```

```
}
```

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

```
//형성평가 1
```

```
void fb();
```

```
int main() {
```

```
    printf("first\n");
```

```
    fb();
```

```
    printf("second\n");
```

```
    fb();
```

```

    printf("third\n");
    fb();

    return 0;
}

void fb() {

    printf("@@@@@@@@@\\n");
}

#include<stdio.h>

//형성평가 2
void fb(int a);

int main() {

    int num;

    scanf("%d", &num);
    fb(num);
    return 0;
}

void fb(int a) {

    int sum= 0;

    for (int i = 1; i <= a; i++)
    {
        sum += i;
    }

    printf("%d", sum);
}

#include<stdio.h>

//형성평가 3
void fb(int a);
void fbreturn();

```

```

int main() {

    int num;

    scanf("%d", &num);
    fb(num);
    return 0;
}

void fb(int a) {

    int temp = 0;

    for (int i = 1; i <= a; i++)
    {
        temp = i;
        for (int j = 0; j < a; j++)
        {
            printf("%d ", temp++);
        }
        printf("\n");
    }

}

#include<stdio.h>

//형성평가 4
int fb(int a, int b);
void fbreturn();

int main() {

    int num[2];
    int sum;

    scanf("%d %d", &num[0], &num[1]);
    sum = fb(num[0], num[1]);
    printf("%d", sum);
    return 0;
}

int fb(int a, int b) {

```

```

    int max;
    int min;
    int sum;

    if (a >= b)max = a, min = b;
    else max = b, min = a;

    max *= max;
    min *= min;
    sum = max - min;

    return sum;
}

#include<stdio.h>

//형성평가 5
void input(int score[4][4]);
void output(int score[4][4]);

int main() {
    int index[4][4] = { 0 };
    input(index);
    output(index);
    return 0;
}

void input(int score[4][4]) {
    for (int i = 0; i < 3; i++)
    {
        for (int j = 0; j < 3; j++)
        {
            scanf("%d", &score[i][j]);
            score[i][3] += score[i][j];
            score[3][j] += score[i][j];
            score[3][3] += score[i][j];
        }
    }
}

void output(int score[4][4]){

```

```
for (int i = 0; i <= 3; i++)  
{  
    for (int j = 0; j <= 3; j++)  
    {  
        printf("%4d", score[i][j]);  
    }  
    printf("\n");  
}  
}
```