Review. What is the output?

```c
#include <string.h>
#include <stdio.h>
#include <stdlib.h>

double func1(int, double, int[]);

void main(void)
{
    double aa = 15, cc = 8, result;
    int xx = 3, yy = 1, i, num, Div;
    int Array[4] = { 2, 1, 4, 3 };

    for (i = 4; i > 1; i--)
    {

        num = 15 % i;

        switch (num)
        {
        case 1:
            result = func1(xx, aa, Array);
            printf("result=%7.2lf\n", result);
        case 2:
            Div = xx / cc;
            printf("Div=%5d\n", Div);
            result = func1(yy, cc, Array);
            printf("result = %.3lf\n", result);
            break;
        case 3:
            result = yy / xx;
            printf("result=%lf\n", result);
            break;
        default:
            printf("Math practice\n");
        }

    }

    printf("The array is Array = [%d %d %d %d]\n", Array[0], Array[1], Array[2], Array[3]);
    printf("Done!\n");


}
```

Submit sheet of paper with your results!

```c
double func1(int aa, double xx, int Var[])
{
    double num;
    int i;
    num = xx / aa;

    for (i = 0; i <= 3; i++)
    {
        Var[i] = 2 * Var[i];
    }
    return num;
}
```

Review. What is the output?

```c
#include <string.h>
#include <stdio.h>
#include <stdlib.h>

double func1(int, double, int[]);

void main(void)
{
    double aa = 15, cc = 8, result;
    int xx = 3, yy = 1, i, num, Div;
    int Array[4] = { 2, 1, 4, 3 };

    for (i = 4; i > 1; i--)
    {

        num = 15 % i;

        switch (num)
        {
        case 1:
            result = func1(xx, aa, Array);
            printf("result=%7.2lf\n", result);
        case 2:
            Div = xx / cc;
            printf("Div=%5d\n", Div);
            result = func1(yy, cc, Array);
            printf("result = %.3lf\n", result);
            break;
        case 3:
            result = yy / xx;
            printf("result=%lf\n", result);
            break;
        default:
            printf("Math practice\n");
        }

    }

    printf("The array is Array = [%d %d %d %d]\n", Array[0], Array[1], Array[2], Array[3]);
    printf("Done!\n");


}
```

```
result=0.000000
Math practice
result=    5.00
Div=    0
result = 8.000
The array is Array = [8 4 16 12]
Done!
Press any key to continue . . .
```

```c
double func1(int aa, double xx, int Var[])
{
    double num;
    int i;
    num = xx / aa;

    for (i = 0; i <= 3; i++)
    {
        Var[i] = 2 * Var[i];
    }
    return num;
}
```