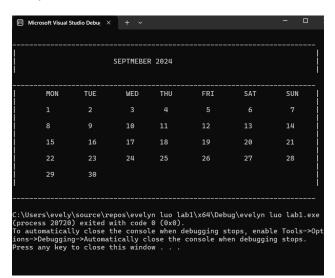
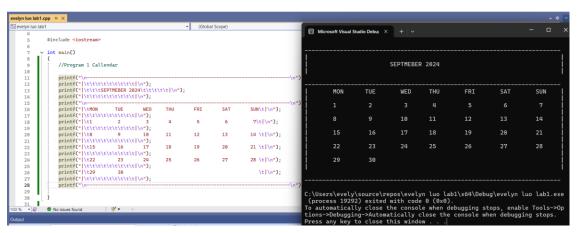
Program 1

```
evelyn luo lab1.cpp 💠 🗴
                                                    (Global Scope)
tevelyn luo lab1
            // created by Evelyn Luo
// September 17, 2024
           // lab 1
             #include <iostream>
          y int main()
                 //Program 1 Callendar
                //Fuggam 1 datemba
printf("\n-----
printf("\t\t\t\t\t\t\t\t\t\t\t\t\n");
printf("\t\t\tSEPTMEBER 2024\t\t\t\t\t\n");
printf("\t\t\t\t\t\t\t\t\t\t\t\n");
     10
    11
12
13
14
                printf("|\tMON
    15
16
17
18
19
                                    TUE
                                                       THU
                                                                 FRI
                                                                           SAT
                                                                                     SUN\t|\n");
                 printf("|\t\t\t\t\t\t\t\t\t\t\t\\t\n");
                 4
                                                                  5
                                                                            6
                                                                                      7\t|\n");
                 11
                                                                 12
                                                                                      14 \t|\n");
    20
                18
                                                                 19
                                                                           20
                                                                                     21 \t|\n");
    22
23
                                                                                     28 \t|\n");
    24
25
                 \t|\n");
    26
27
                                                                                 ----\n");
                 printf("\n---
```

Output 1





Program 2.A

```
evelyn luo lab1.cpp 😕 🗙
evelyn luo lab1
           // created by Evelyn Luo
      1
             // September 17, 2024
      2
             // lab 1
      3
      4
             #include <iostream>
      5
      6
           v int main()
      8
     9
                 //program 2.A
    10
    11
                 int m = 7;
    12
                 int n = 3;
                 int x = 4;
    13
                 int y = 2;
    14
                 int f;
    15
    16
                 f = (m + n)*(x - y);
    17
    18
                 printf("the answer is: %d\n", f);
    19
     20
    21
```

Output 2.A

```
Microsoft Visual Studio Debu! × +  

the answer is: 20

C:\Users\evely\source\repos\evelyn luo lab1\x64\Debug\evelyn luo lab1.exe (process 22596) exited with code 0 (0x0).

To automatically close the console when debugging stops, enable To ols->Options->Debugging->Automatically close the console when debugging stops.

Press any key to close this window . . .
```

```
evelyn luo lab1.cpp 💠 🗴
                                                              Microsoft Visual Studio Debu × + v
evelyn luo lab1
            // created by Evelyn Luo
                                                             the answer is: 20
              // September 17, 2024
            // lab 1
                                                             C:\Users\evely\source\repos\evelyn luo lab1\x64\Debug\evelyn luo l
                                                            abl.exe (process 22596) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable To
ols->Options->Debugging->Automatically close the console when debu
              #include <iostream>
            v int main()
                                                            gging stops.
                                                             Press any key to close this window . . .
                   //program 2.A
    10
    11
                   int m = 7;
    12
                   int n = 3;
    13
14
15
16
                   int x = 4;
                   int y = 2;
                   int f;
    17
                   f = (m + n)*(x - y);
    18
19
20
                   printf("the answer is: %d\n", f);
```

Program 2.B

```
evelyn luo lab1.cpp 💠 🗙
evelyn luo lab1
                                                                  (Global Scope)
          // created by Evelyn Luo
            // September 17, 2024
           // lab 1
     4
             #include <iostream>
          v int main()
     8
     9
                 //program 2.B
    10
                 int m, n, x, y;
    11
                 int f:
    12
                 printf("Please enter four numbers: ");
    13
                 scanf_s("%d %d %d %d", &m, &n, &x, &y);
    14
    15
    16
                 f = (m + n)*(x - y);
    17
                 printf("the answer is: %d", f);
    18
    19
    20
    21
```

Output 2.B

```
Microsoft Visual Studio Debu! × + v - - - ×

Please enter four numbers: 3

4

5

6

the answer is: -7

C:\Users\evely\source\repos\evelyn luo lab1\x64\Debug\evelyn luo lab1.exe (process 22300) exited with code 0 (0x0).

To automatically close the console when debugging stops, enable To ols->Options->Debugging->Automatically close the console when debugging stops.

Press any key to close this window . . .
```

```
evelyn luo lab1.cpp   ⇒ ×
                                                                       Microsoft Visual Studio Debu! × + v
                 created by Evelyn Luo
                                                                      Please enter four numbers: 3
             // September 17, 2024
              #include <iostream>
                                                                      the answer is: -7
                                                                      C:\Users\evely\source\repos\evelyn luo lab1\x64\Debug\evelyn luo l
             int main()
                                                                      abl.exe (process 22300) exited with code 0 (0x0).
To automatically close the console when debugging stops, enable To ols->Options->Debugging->Automatically close the console when debu
                   //program 2.B
     10
                                                                      gging stops.
                  int m, n, x, y;
     11
                  int f;
printf("Please enter four numbers: ");
                                                                      Press any key to close this window . . .
     12
     13
                   scanf_s("%d %d %d %d", &m, &n, &x, &y);
     14
     15
    16
17
                   f = (m + n)*(x - y):
                   printf("the answer is: %d", f);
```

Program 3

```
evelyn luo lab1.cpp* 😕 🗴
evelyn luo lab1
                                                                   (Global Scope)
           // created by Evelyn Luo
      1
             // September 17, 2024
      2
           // lab 1
      3
      4
             #include <iostream>
      6
           v int main()
     8
                 //program 3
      9
     10
     11
                 int rate, sales, cost, commission;
     12
     13
                 printf("\nPlease enter a rate: ");
                 scanf_s("%d", &rate);
     14
     15
                 printf("\nPlease enter a sales price: ");
     16
                 scanf_s("%d", &sales);
     17
     18
     19
                 printf("\nPlease enter a cost: ");
     20
                 scanf_s("%dd", &cost);
     21
     22
                 commission = rate * (sales - cost);
     23
                 printf("The commission will be a value of: %d", commission);
     24
     25
```

Output 3

```
Please enter a rate: 3

Please enter a sales price: 60

Please enter a cost: 30

The commission will be a value of: 90

C:\Users\evely\source\repos\evelyn luo lab1\x64\Debug\evelyn luo lab1.exe (proces s 23040) exited with code 0 (0x0).

To automatically close the console when debugging stops, enable Tools->Options->D ebugging->Automatically close the console when debugging stops.

Press any key to close this window . . .
```