EXERCISE #1

Is there anything wrong in the following function-call structure? If any, mention it (them). Briefly explain why they are wrong?

```cpp
void my_function_01();

int nNumber_01;

void main()
{
    nNumber_01 = 20;

    my_function_01();

    cout << "in main: " << nNumber_01 << endl;

    return;
}

void my_function_01()
{
    int nNumber_01 = 30;

    cout << "in my_function: " << nNumber_01 << endl;

    return;
}
```
EXERCISE #2

Is there anything wrong in the following function-call structure? If any, mention it (them). Briefly explain why they are wrong?

```c++
void my_function_01(int nParameter);

void main()
{
    int nYear = 120;
    my_function_01(nYear);
    return;
}

void my_function_01(int nNumber_02)
{
    int nMonth;
    nMonth = (nNumber_02 * 12);
    cout << nMonth << endl;
    return;
}
```
EXERCISE #3

Is there anything wrong in the following function-call structure? If any, mention it (them). Briefly explain why they are wrong?

```c++
void my_function_01(int nParameter);

void main()
{
    int nYear = 2018;

    my_function_01(nYear);

    return;
}

void my_function_01(int nYear)
{
    int nYear;
    int nMonth;

    nYear = 2030;
    nMonth = 6;

    cout << nYear << ' ' << nMonth << endl;

    return;
}
```
EXERCISE #4

Is there anything wrong in the following function-call structure? If any, mention it (them). Briefly explain why they are wrong?

```cpp
void my_function_01 (int nParameter);

void main ()
{
    int nYear = 2018;

    my_function_01;

    cout << nYear << endl;

    return;
}

void my_function_01 (int nYear)
{
    int nMonth = 1;

    cout << nYear << ' ' << nMonth << endl;

    return;
}
```
EXERCISE #5

Is there anything wrong in the following function-call structure? If any, mention it (them). Briefly explain why they are wrong?

```cpp
int my_function_01 (int nParameter);

void main ()
{
    int nYear = 2018;

    my_function_01 (nYear);

    cout << nYear << endl;

    return;
}

void my_function_01 (int nYear)
{
    int nMonth = 1;

    nMonth = nMonth * nYear;

    cout << nMonth << endl;

    return;
}
```
EXERCISE #6

Is there anything wrong in the following function-call structure? If any, mention it (them). Briefly explain why they are wrong?

```c
float my_function_01(int nParameter_01, int nParameter_02);

void main()
{
    int nMonth = 1129;    // total number of years
    int nYear = 100;          // number of years

    float fResult;

    fResult = my_function_01(nYear, nMonth);

    cout << fResult << endl;

    return;
}

float my_function_01(int nYear, int nMonth)
{
    float fWhat_I_Get;

    fWhat_I_Get = (float)nMonth/(float)nYear;
    // fWhat_I_Get = nMonth/nYear;

    return (fWhat_I_Get);
}
```
EXERCISE #7

What values will be output by “cout << nYear << ' ' << nMonth;” in “main”?

```cpp
void my_function_01 (int nParameter_01, int nParameter_02);

void main ()
{
    int nYear = 2018;
    int nMonth = 2;

    my_function_01 (nYear, nMonth);

    cout << nYear << ' ' << nMonth << endl;

    return;
}

void my_function_01 (int nYear, int nMonth)
{
    nYear = 2020;
    nMonth = 8;

    return;
}
```
EXERCISE #8

What values will be output by “cout << nYear << ' ' << nMonth;” in “main”?

```cpp
void my_function_01 (int &nParameter_01, int &nParameter_02);

void main ()
{
    int nYear = 2018;
    int nMonth = 2;

    my_function_01 (nYear, nMonth);

    cout << nYear << ' ' << nMonth << endl;

    return;
}

void my_function_01 (int &nYear, int &nMonth)
{
    nYear = 2020;
    nMonth = 8;

    return;
}
```