

```

1,
#include <iostream>           //include files with the required definition
using namespace std;         // namespace
int main(int argc, char *argv[]) // main
{                             // begin of main
    int p = myFunction(10);    // call function myFunction
    cout << p << endl;        // output
}                             // end of main
double myFunction(int n)      // define a new function myFunction
{                             // with input n
    unsigned int i = 0, j = 1, t, k; // declaration of variables
    for (k=0; k <= n; ++k)       // loop
    {
        t = i + j;              // give the value of i+j to t
        i = j;                 // give the value of j to i
        j = t;                 // give the value of t to j
    }
    return j;                  // store the value of j
}

```

2, Function main calls function myFunction before declaring it.
To correct it put function main behind myFunction.

Like:

```

#include <iostream>
using namespace std;

double myFunction(int n)
{
    unsigned int i = 0, j = 1, t, k;
    for (k=0; k <= n; ++k)

    {
        t = i + j;
        i = j;
        j = t;
    }

    return j;
}

int main(int argc, char *argv[])
{
    int p = myFunction(10);
    cout << p << endl;
}

```

3. It calculates the n th number in the Fibonacci Sequence.
Rename it as int Fibonacci(int n)

4, It stores 144.