Homework 2

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* 1. Explain each single line of the code

See the note in the code for detail. Not stated here because the 1 page limit.

The sequence: The project start at the main function,

at the line int p = myFunction(10);

the project jumped to myfuction, assign 10 to n,

initinals i,j,t,k.

start the for loop until k>11.

j is returned to p,

p is printed out in the screen.

* 1. the mistakes corrected:

1. #include “stdafx.h” for windows, which describes both standard system and project specific include files.
2. The myFunction(int n) should be defined before the main function.
3. The myFunction(int n) return a int type parameter, not a double type, so the double should be changed into int.
4. The myFunction(int n), return a int type parameter, not a unsigned int, so the unsigned int should be changed into int.
   1. The overall functionality:

F[0]=1

F[1]=1

F[i]=F[i-1]+F[i-2]

The name is **Fibonacci number.**

* 1. p=144

