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\* Tinh day so Fibonacci KHONG dung phuong phap de quy

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#include <iostream>

using namespace std;

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\* Tinh so Fibonacci thu n

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\* @param n: chi so cua so Fibonacci tinh tu 0

\* vd: F0 = 0, F1 = 1, F2 = 1, F3 = 2

\* @return So Fibonacci thu n

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int fibonacci(int n) {

int f0 = 0;

int f1 = 1;

int fn = 1;

int i;

if (n < 0) {

return -1;

} else if (n == 0 || n == 1) {

return n;

} else {

for (i = 2; i < n; i++) {

f0 = f1;

f1 = fn;

fn = f0 + f1;

}

}

return fn;

}

/\*\*

\* Ham main

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int main() {

int i;

cout << "10 so dau tien cua day so Fibonacci: \n";

for (i = 0; i < 10; i++) {

cout << fibonacci(i) << " ";

}

}