J lab 7_dc128280_yangyishu.java 1 ✕

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```java
class fibonacci{
    public static int Binaryfi(int n){
        if (n<=1){
            return n;
        }
        else{
            return Binaryfi(n-1)+Binaryfi(n-2);
        }
    }
    public static int Linearfi(int m,int l,int n){
        if(n==0)
            return m;
        if(n==1)
            return l;
        if(n==2)
            return m+l;
        else{
            return Linearfi(l,m+l,n-1);
        }
    }

    Run | Debug
    public static void main(String[] args)
    {
        System.out.println(x: "Binary recursion method with nth nonnegative:");
        for (int i=0;i<21;i++){
        System.out.println(Binaryfi(i));}
        System.out.println(x: "Linear recursion method with nth nonnegative:");
        for (int i=0;i<21;i++){
            System.out.println(Linearfi(m: 0,l: 1,i));}

    }
}
```

问题 1　输出　调试控制台　终端

```
Windows PowerShell
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安装最新的 PowerShell，了解新功能和改进！https://aka.ms/PSWindows

PS C:\Users\YangYiShu> & 'C:\Program Files\Java\jdk-17.0.4.1\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:56618' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\YangYiShu\AppData\Local\Temp\vscodews_f962b\jdt_ws\jdt.ls-java-project\bin' 'fibonacci'
Binary recursion method with nth nonnegative:
0
1
1
2
3
5
8
13
21
34
55
89
144
233
377
610
987
1597
2584
4181
6765
Linear recursion method with nth nonnegative:
0
1
1
2
3
5
8
13
21
34
55
89
144
233
377
610
987
1597
2584
4181
6765
PS C:\Users\YangYiShu>
```