```java
public class code41 {
    public static void main(String[] args) {
        long k = 2;
        long a = 0;
        long b = 1;
        long c = 0;
        System.out.println("k1 ="+ a);
        System.out.println("k2 ="+ b);
        while(k<50){
            c=a+b;
            a=b;
            b=c;
            k++;
            System.out.println("k"+k+" = " +c);
        }
    }
}
```