```java
import java.util.Scanner;
class Main
{
    public static void main(String[] args)
    {
        Scanner input=new Scanner(System.in);
        int num=input.nextInt();
        int a=0,b=1;
        int c;
        System.out.print(a+","+b);
        for(int i=0;i<num-2;i++)
        {
            c=a+b;
            a=b;
            b=c;
            System.out.print(","+c);
        }
    }
}
```