Without using Recursion

1. **class** FibonacciExample1{
2. **public** **static** **void** main(String args[])
3. {
4. **int** n1=0,n2=1,n3,i,count=10;
5. System.out.print(n1+" "+n2);//printing 0 and 1
6. **for**(i=2;i<count;++i)//loop starts from 2 because 0 and 1 are already printed
7. {
8. n3=n1+n2;
9. System.out.print(" "+n3);
10. n1=n2;
11. n2=n3;
12. }
14. }}

With recursion

1. **class** FibonacciExample2{
2. **static** **int** n1=0,n2=1,n3=0;
3. **static** **void** printFibonacci(**int** count){
4. **if**(count>0){
5. n3 = n1 + n2;
6. n1 = n2;
7. n2 = n3;
8. System.out.print(" "+n3);
9. printFibonacci(count-1);
10. }
11. }
12. **public** **static** **void** main(String args[]){
13. **int** count=10;
14. System.out.print(n1+" "+n2);//printing 0 and 1
15. printFibonacci(count-2);//n-2 because 2 numbers are already printed
16. }
17. }