Finbonacci series:

<https://www.youtube.com/watch?v=GEGqW2qS4Ew>

Logic:

0,1,1,2,3,5,8,13,21,34……

a=0

b=1

c=a+b=1

a=b=1

b=c=1

c=a+b=2

a=b=1

b=c=2

c=a+b=3

Program:

**package** Java\_programs;

**public** **class** FibonacciSeries {

**public** **static** **void** main(String[] args) {

**int** a=0,b=1;

System.***out***.print("Finbonacci series is ");

System.***out***.println();

**for**(**int** i=0;i<=10;i++)

{

**int** c=a+b;

System.***out***.println(c);

a=b;

b=c;

}

}

}

Output:

Finbonacci series is

1

2

3

5

8

13

21

34

55

89

144