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**Batch:MCA-B**

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**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: CO4(4)**

**Aim**

Define 2 classes; one for generating Fibonacci numbers and other for displaying even numbers in a given range. Implement using threads. (Runnable Interface).

**Procedure**

import java.util.Scanner;

class Fib implements Runnable{

public void run(){

int a=0,b=1,c=0,n=20;

System.out.println("Fibonacci Series upto "+n+":\n");

while (n>0)

{

System.out.print(c+" ");

a=b;

b=c;

c=a+b;

n=n-1;

}

System.out.println("\n\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

}

}

class EvenNo implements Runnable{

public void run(){

int n;

Scanner sc=new Scanner(System.in);

System.out.println("Enter the Value of N:");

n=sc.nextInt();

System.out.println("Even Numbers from 1 to "+n+":");

for(int i=1;i<=n;i++) {

if(i%2==0) {

System.out.println(i);

}

}

}

}

public class My{

public static void main(String[] args) {

Fib obj=new Fib();

Thread t=new Thread(obj);

t.start();

EvenNo obj1=new EvenNo();

Thread t1=new Thread(obj1);

t1.start();

}

}

**Output Screenshot**

