Extra program:

1.Create a class Table including a method printable which prints multiplication table of a given value . Create two threads which prints multiplication table of 5 and 100 by calling the same function on same object. Test the threads

Program:-

import java.util.Scanner;

public class tables {

public static void main(String args[]) {

cal c = new cal();

Scanner sc = new Scanner(System.in);

System.out.println("What number of multiples do you want?");

int n = sc.nextInt();

table obj = new table(n,c,5);

table obj1 = new table(n,c,100);

try {

obj.t.join();

obj1.t.join();

}catch(Exception e) {

System.out.println("exception occured");

}

System.out.println("thank you");

}

}

class table implements Runnable {

int n,tabl;

Thread t;

cal tar;

table(int n,cal c,int tab){

tabl =tab;

tar=c;

this.n=n;

t=new Thread(this);t.start();

}

public void run() {

synchronized(tar) {

tar.cals(n, tabl);

}

}

}

class cal{

void cals(int n,int ta) {

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

System.out.println(ta+" x "+i+" = "+(ta\*i));

}

}

}

Output:--

