9-12-2020

LAB - Test - 2

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1) Threads Program

```
class Squares extends Thread {
    int num;
    Square(int n) {
        num = n;
    }
    public void run() {
        int sq = num * num;
        System.out.println("Square of " + num + " = " + sq);
    }
}

class Cube extends Thread {
    int num2;
    Cube(int n2) {
        num2 = n2;
    }
    public void run() {
```

```
int cub = num2 * num2 * num2;
System.out.println(" Cube of " + num2 + " = " + cub);
}
}

class Parent_Thread extends Thread {
    public void run() {
        for(int i=1; i<=10; i++) {
            System.out.println("Number = " + i);
            Square S = new Square(i);
            Square s = new Square(i);
            s.start();
            Cube c = new Cube(i);
            c.start();
            try {
                Thread.sleep(2000);
                Square.join();
                Cube.join();
```

```
        }
        catch ( InterruptedException  e1) {
            System.out.println(e1);
        }
    }
}
public class LAB_Test-2 {
    public static void main ( String args[])
    {
        Parent_Thread  p = new Parent_Thread();
        p.start();
    }
}
```


Hsingh.