Practise Program 1

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Q:1: Write a program to create a thread and find the Sum of odd numbers from 1 to 10 in this thread. Find the Sum of even numbers for the same range in the main Thread.

Program:-

```
class OddThread extends Thread{
        int sumodd = 0;
        int i = 1;
        Publicvoid run() {
            try {
                Thread.sleep(2000);
                while (i<= 100)
                {  if(i%2 ==0) {
                }
```

```
    else {
        Sum odd = Sum Odd + i;
    }
    i++
}

System.Out.println(" sum of odd numbers between 1 and 10::"
                                                +Sumodd);
    }

    Catch ( InterruptedExecution e)
    {
        System.out.println("Interrupted Execution"+e);
    }
    }
}


Class P1 {
    Public static void main( String args[]) {
        odd thread
                odd Thread t1 = new Odd thread();
                t1.Start();
                int Sum even = 0;
                int i = 1
            try {
                Thread.Sleep(2000);

            while ( i<=100)
                { if (i% 2 == 0)
                {
                    Sum even = Sum even + i;
                }
                else {}
                i++;
}       }
```

```
System.out.println("Sum of even numbers b/w 1 and to age" +
                                                    Sumeven);
    }

    Catch (InterruptedExecution e)
        {
            System.out.println("Interrupted Execution" + e);
        }
    }
}
```