

1. Write a program to create a thread and find the sum of odd numbers from 1 to 100 in this thread. Find the sum of even numbers for the same range in the main thread.

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

                }
                else{
                    sumodd=sumodd+i;
                }
                i++;
            }
            System.out.println("Sum of odd numbers between 1 & 100 -->" + sumodd);
        }
        catch(InterruptedException e){
            System.out.println("Interrupted Exception"+ e);
        }
    }
}

class week11{
    public static void main(String args[]) {

        newthread t1 = new newthread();
```

```
t1.start();

int sumeven = 0;

int i = 1;

try{
    Thread.sleep(2000);
    while(i<=100){
        if(i%2==0){
            sumeven=sumeven+i;
        }
        else{}
        i++;
    }

    System.out.println("Sum of even numbers between 1 and 100 -->" + sumeven);

}

catch(InterruptedException e){
    System.out.println("Interrupted Exception" + e);
}

}

}
```