```java
class newth implements Runnable{
    String disp,name;
    Thread t;
    int delay,sum_o=0;
    newth(String th_name,int d){
        name=th_name;
        t=new Thread(this,name);
        delay=d;
        System.out.println("New thread:"+t);
    }
    public void run(){
        try{
            for(int i=1;i<100;i+=2){
                sum_o+=i;
                Thread.sleep(delay);
            }
        }catch(InterruptedException e){
            System.out.println(name+"Interrupted");
        }
        System.out.println("Sum of odd numbers:"+sum_o);
    }
}
class Testj{
    public static void main(String args[]) throws InterruptedException{
        int sum_e=0;
        //System.out.println("Enter ctrl+C to Exit");
        newth nt=new newth("Thread1",100);
        nt.t.start();
        try{
            for(int i=0;i<=100;i+=2){
                sum_e+=i;
```
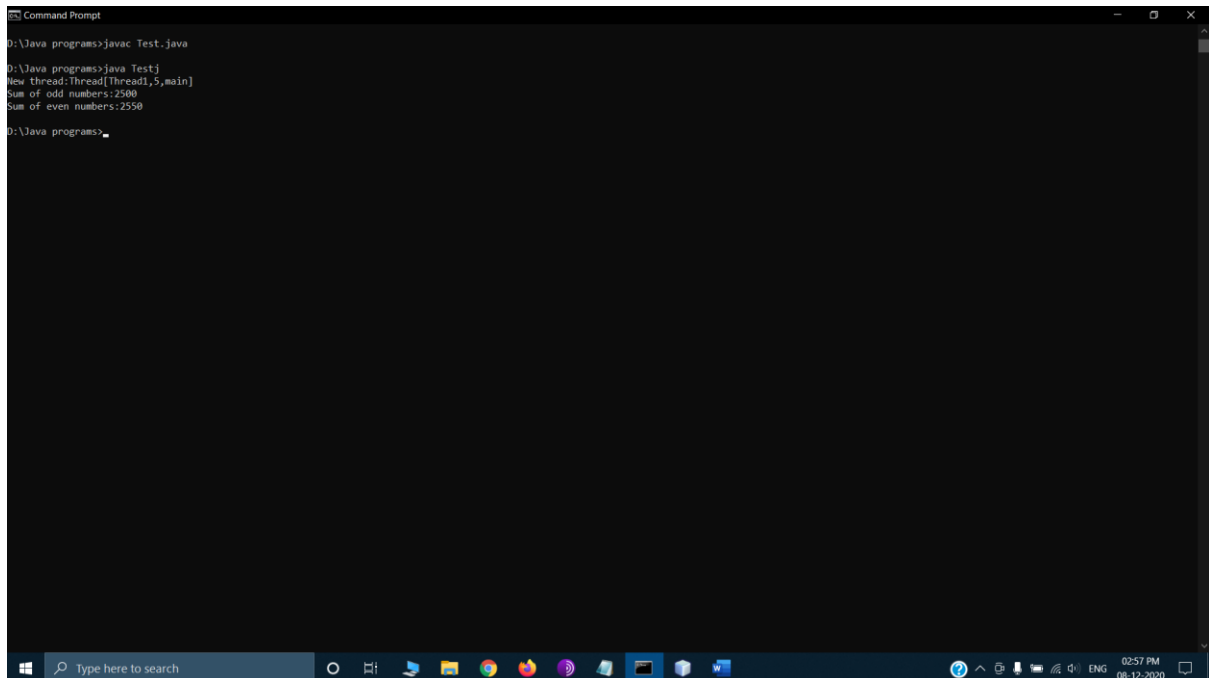
```java
            Thread.sleep(100);

        }


    }catch(InterruptedException e){

        System.out.println("Main thread interrupted");

    }

    System.out.println("Sum of even numbers:"+sum_e);

  }
}
```



```java
import java.util.Random;

class newth implements Runnable{

    String name;

    char ch;
```

```java
    Thread t;
    int delay,x;
    Random r=new Random();
    newth(String th_name,int d,char c){
        name=th_name;
        t=new Thread(this,name);
        delay=d;
        ch=c;
        System.out.println("New thread:"+t);
    }
    public void run(){
        try{
            if(ch=='e')
            System.out.println("Random number:"+x+"\nSquare:"+x*x);
            else if(ch=='o')
            System.out.println("Random number:"+x+"\nCube:"+x*x*x);
            Thread.sleep(delay);
        }catch(InterruptedException e){
            System.out.println(name+"Interrupted");
        }
        System.out.println(name+"Exiting");
    }
    int gen_random(){
        x=r.nextInt(10);
        return x;
    }
}
class Prac{
    public static void main(String args[]) throws InterruptedException{
        //System.out.println("Enter ctrl+C to Exit");
        newth nt1=new newth("Thread1",1000,'n');
```

```java
        newth nt2=new newth("Thread2",2000,'e');

        newth nt3=new newth("Thread3",2000,'o');

        int temp=nt1.gen_random();

        nt2.x=temp;

        nt3.x=temp;

        if(nt1.x%2==0)

            nt2.t.start();

        else

            nt3.t.start();

        try{

            Thread.sleep(5000);

        }catch(InterruptedException e){

            System.out.println("Main thread interrupted");

        }

    }

}
```