```java
package com.ffcg;

public class Divisor {
    private final int divisor;

    public Divisor(int divisor) {
        this.divisor = divisor;
    }

    public boolean isDivisorOf(int number) {
        if (number >= this.divisor && this.divisor != 0)
            return number % this.divisor == 0 ? true : false;
        else
            return false;
    }

    public int getDivisor() {
        return this.divisor;
    }

    public boolean equals(Object object) {
        //boolean result = false;
        if (object instanceof Divisor) {
            Divisor Compare_Divisor = (Divisor) object;
            if (this.divisor == Compare_Divisor.divisor)
                return true;
        }
        return false;
    }
}

```

```java
package com.ffcg;

import java.util.ArrayList;
import java.util.List;

public class SetDivisors {
    private int number;
    private List<Divisor> listDivisors;

    public SetDivisors(int number) {
        this.number = number;
        this.listDivisors = new ArrayList<Divisor>();
        this.calculateListDivisors();
    }

    private void calculateListDivisors() {
        for (int i = 1; i < this.number; i++) {
            Divisor divisor = new Divisor(i);
            if (divisor.isDivisorOf(this.number))
                listDivisors.add(divisor);
        }
        listDivisors.add(new Divisor(number));
    }

    public boolean isEqualTo(List<Divisor> listDivisors) {
        return this.listDivisors.equals(listDivisors);
    }

    public int getSumOfSquaredDivisors() {
        int sumOfSquaredDivisors = 0;
        for (Divisor divisor : this.listDivisors) {
            sumOfSquaredDivisors += Math.pow(divisor.getDivisor(), 2);
        }
        return sumOfSquaredDivisors;
    }
}

```

```java
package com.ffcg;

public class PerfectSquared {
    public static boolean isPerfectSquared(int number
) {
        if(Math.sqrt(number)%1 == 0){
            return true;
        }
        return false;
    }
}

```

```java
package com.ffcg;


import java.util.ArrayList;
import java.util.List;

public class SquaredDivisor {

    private static boolean isPerfectSquaredDivisor(int number) {
        SetDivisors setDivisors = new SetDivisors(number);
        return PerfectSquared.isPerfectSquared(setDivisors.getSumOfSquaredDivisors());
    }

    public static int[] searchSquaredDivisor(int initialNumber, int finalNumber) {
        List<Integer> listSquaredDivisors = new ArrayList<Integer>();
        for (int currentNumber = initialNumber; currentNumber <= finalNumber; currentNumber++) {
            if (isPerfectSquaredDivisor(currentNumber)) {
                listSquaredDivisors.add(currentNumber);
            }
        }

        int [] arraySquaredDivisorsToReturn = new int[listSquaredDivisors.size()];
        int squaredDivisorIndex = 0;
        for (Integer squaredDivisor : listSquaredDivisors) {
            arraySquaredDivisorsToReturn[squaredDivisorIndex++] = squaredDivisor;
        }
        return arraySquaredDivisorsToReturn;
    }

}
```