**Tutorial 2:Sum Of Three**

Code:

**import** java.io.File;  
**import** java.io.FileNotFoundException;  
**import** java.util.ArrayList;  
**import** java.util.Scanner;  
  
 **public class** SumOfThree {  
 **public static void** main(String[] args) **throws** FileNotFoundException {  
  
 ArrayList<Integer> b = **new** ArrayList<>();  
  
 File file = **new** File(**"SumOfThree.txt"**);  
 Scanner sc = **new** Scanner(file);  
  
  
 **while** (sc.hasNext()) {  
 b.add(Integer.*parseInt*(sc.next()));  
 }  
  
 **int** count = 0;  
  
 **for** (**int** i = 0; i < b.size(); i++) {  
 **for** (**int** j = i + 1; j < b.size(); j++) {  
 **for** (**int** k = j + 1; k < b.size(); k++) {  
 **if** (b.get(i) + b.get(j) + b.get(k) == 0) {  
 count++;  
 }  
 }  
 }  
 }  
 System.***out***.println(count);  
 }  
 }

Table with relevant data added.

|  |  |
| --- | --- |
| Numbers taken | Time taken |
| 10 | 0 |
| 100 | 0 |
| 1000 | 0 |
| 2000 | 2 |
| 4000 | 21 |
| 8000 | 165 |

