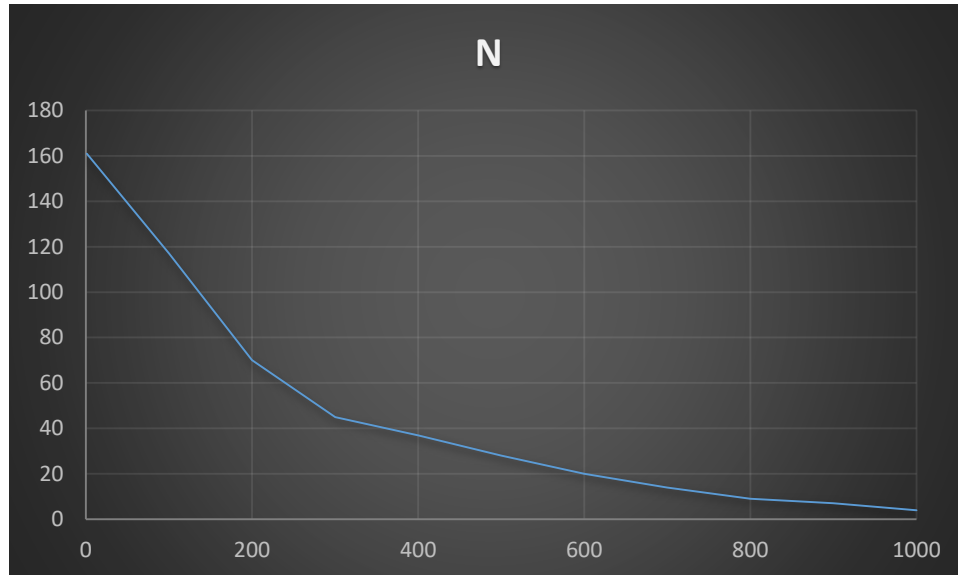


Modern intelligent IT
Lab 6 (14.11.2016)
Akira Imada
Student – Malcev Maxim (AI - 10)

Graph:



Source code:

```
package com.company;

import java.io.*;
import java.util.ArrayList;
import java.util.Arrays;
import java.util.List;

public class Main {

    public static void main(String[] args) {
        String space = " ";
        String in1 = "";
        String in2 = "";
        String n1 = "-d", n2 = "in1.txt", n3 = "in2.txt";

        boolean flag = false;
        if (n1.equals("-d")) {
            if (n2.equals("0") || n2.equals("1")) {
                space = args[2];
                in1 = args[3];
                in2 = args[4];
            } else {
                in1 = n2;
                in2 = n3;
            }
        }
        /*else if (args[1] == "-s") {
            flag = true;
            if (args[2] == "-d") {
                if (args[3] == "1" || args[3] == "0" || args[3] == "?") {
                    space = args[3];
                    in1 = args[4];
                    in2 = args[5];
                } else {
```

```

        in1 = args[3];
        in2 = args[4];
    }
    } else {
        in1 = args[2];
        in2 = args[3];
    }
} else {
    in1 = args[1];
    in2 = args[2];
}*/
try (BufferedReader fin1 = new BufferedReader(new FileReader(in1));
    BufferedReader fin2 = new BufferedReader(new FileReader(in2));
    FileWriter fos = new FileWriter("out.txt", false)) {
    String line1 = "";
    String line2 = "";
//    List<String> buffer = new ArrayList<String>();
//    List<String> buffer2 = new ArrayList<String>();
    StringBuilder buffer = new StringBuilder();
    StringBuilder builder2 = new StringBuilder();
    if (flag == true){
        while ((line1 = fin1.readLine()) != null && (line2 = fin2.read-
Line()) != null) {
            buffer.append(line1 + " ");
            builder2.append(line2 + " ");
//            buffer.add(line1 + " ");
//            buffer2.add(line2);
        }
        for (String record: buffer) {
//            fos.write(record);
        }
        fos.write(buffer.toString() + "\n");
        fos.write(builder2.toString());
    }
    else{
        while ((line1 = fin1.readLine()) != null && (line2 = fin2.read-
Line()) != null) {
            fos.write(line1 + space + line2 + "\n");
        }
    }
} catch (FileNotFoundException e) {
    e.printStackTrace();
} catch (IOException e) {
    e.printStackTrace();
}
}
}

```