

Nama : Alfina Salsabilla

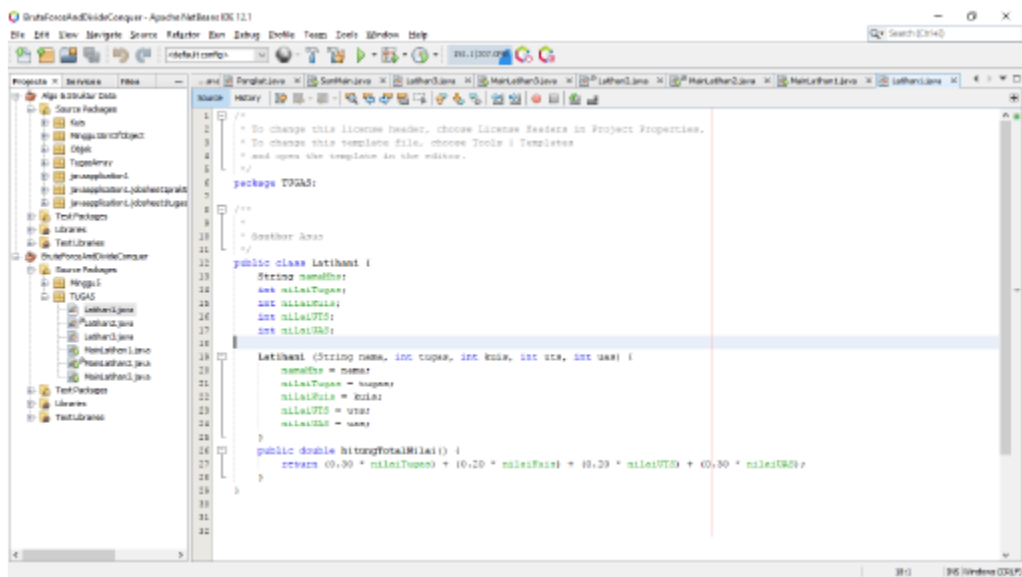
NIM : 2141720044

Kelas / Absen : 1G / 03

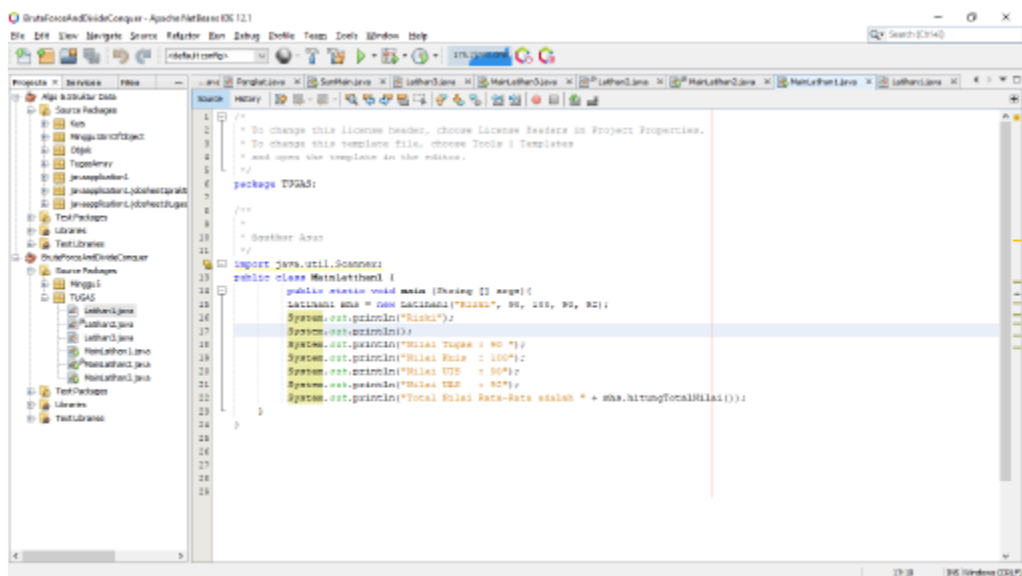
Praktikum Jobsheet 4

4.5 Latihan Praktikum

1. Latihan1



```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6  package Tugas1;
7
8  /**
9   *
10   * Author: Anas
11   */
12  public class Lathiari {
13
14      String nama;
15      int nilaiTugas;
16      int nilaiKuis;
17      int nilaiUTS;
18      int nilaiUAS;
19
20      Lathiari (String nama, int tugas, int kuis, int uts, int uas) {
21          nama = nama;
22          nilaiTugas = tugas;
23          nilaiKuis = kuis;
24          nilaiUTS = uts;
25          nilaiUAS = uas;
26      }
27
28      public double hitungTotalNilai() {
29          return (0.30 * nilaiTugas) + (0.20 * nilaiKuis) + (0.20 * nilaiUTS) + (0.30 * nilaiUAS);
30      }
31  }
```



```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6  package Tugas1;
7
8  /**
9   *
10   * Author: Anas
11   */
12  import java.util.Scanner;
13
14  public class MainLathiari {
15
16      public static void main (String [] args) {
17          Lathiari obj = new Lathiari ("Anas", 80, 100, 90, 80);
18          System.out.println(obj.nama);
19          System.out.println(obj);
20          System.out.println("Nilai Tugas : " + obj.nilaiTugas);
21          System.out.println("Nilai Kuis : " + obj.nilaiKuis);
22          System.out.println("Nilai UTS : " + obj.nilaiUTS);
23          System.out.println("Nilai UAS : " + obj.nilaiUAS);
24          System.out.println("Total Nilai Rata-Rata adalah : " + obj.hitungTotalNilai());
25      }
26  }
```

```

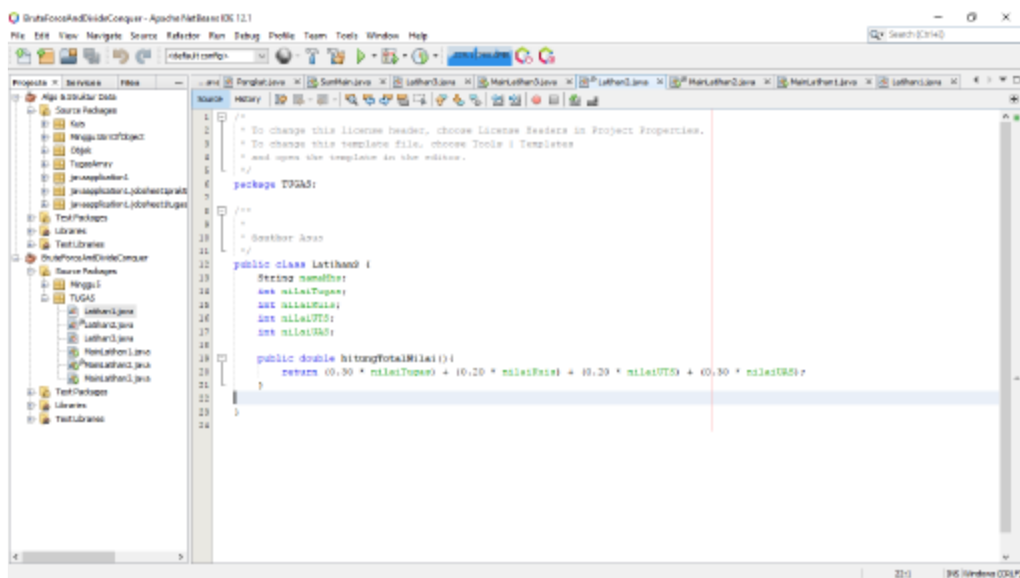
Output - BruteForceAndDivideConquer (run-single)

ant -f C:\\Users\\Asus\\Documents\\NetBeansProjects\\BruteForceAndDivideConquer\\build.xml
init:
Deleting: C:\\Users\\Asus\\Documents\\NetBeansProjects\\BruteForceAndDivideConquer\\build\\classes
Deleting: C:\\Users\\Asus\\Documents\\NetBeansProjects\\BruteForceAndDivideConquer\\build\\libs
Updating property file: C:\\Users\\Asus\\Documents\\NetBeansProjects\\BruteForceAndDivideConquer\\build\\classes
Compiling 1 source file to C:\\Users\\Asus\\Documents\\NetBeansProjects\\BruteForceAndDivideConquer\\build\\classes
compile-single:
run-single:
Riski

Nilai Tugas : 80
Nilai Kuis : 100
Nilai UTS : 80
Nilai UAS : 92
Total Nilai Rata-Rata adalah 92.6
BUILD SUCCESSFUL (total time: 5 seconds)

```

2. Latihan2



```

package Minggu3ArrOfObject;

/**
 *
 * @author Asus
 */
import java.util.Scanner;

public class Tugas2Main {
    public static void main(String [] args){
        Scanner sc=new Scanner(System.in);
        Tugas2 [] tanah=new Tugas2[2];

        for(int i=0;i<tanah.length;i++){
            tanah[i]=new Tugas2();
            System.out.println("Tanah Ke-"+(i+1));
            System.out.print("Masukkan Panjang : ");
            tanah[i].panjang=sc.nextInt();
            System.out.print("Masukkan Panjang : ");
            tanah[i].lebar=sc.nextInt();
            System.out.println();
        }
        for (int i=0;i<tanah.length;i++){
            System.out.println("Luas Tanah Ke-"+(i+1)+" : "+tanah[i].luas());
        }
    }
}

```

```

Output - BruteForceAndDivideConquer (run-single)
ant -f C:\Users\Asus\Documents\NetBeansProjects\BruteForceAndDivideConquer -Dnb.internal.active
init:
Deleting: C:\Users\Asus\Documents\NetBeansProjects\BruteForceAndDivideConquer\build\build-jar.prop
depa-jar:
Updating property file: C:\Users\Asus\Documents\NetBeansProjects\BruteForceAndDivideConquer\build\
Compiling 1 source file to C:\Users\Asus\Documents\NetBeansProjects\BruteForceAndDivideConquer\buil
compile-single:
run-single:
Masukkan Jumlah Mahasiswa : 2
Mahasiswa Ke-1
Nama Mahasiswa : Rizki
Nilai Tugas Mahasiswa : 80
Nilai Kuis Mahasiswa : 50
Nilai UTS Mahasiswa : 50
Nilai UAS Mahasiswa : 98

Mahasiswa Ke-2
Nama Mahasiswa : Ria
Nilai Tugas Mahasiswa : 98
Nilai Kuis Mahasiswa : 70
Nilai UTS Mahasiswa : 79
Nilai UAS Mahasiswa : 88

Total Nilai Mahasiswa ke-1: 89.4
Total Nilai Mahasiswa ke-2: 85.6
BUILD SUCCESSFUL (total time: 80 seconds)

```

3. Latihan3

```

Source
History
11 public class Latihan3 {
12     public String namaMhs;
13     public int nilaiTugas;
14     public int nilaiKuis;
15     public int nilaiUTS;
16     public int nilaiUAS;
17
18     public double hitungNilai() {
19         System.out.println("-----Total Nilai Mahasiswa-----");
20         System.out.println("Nama          : " + namaMhs);
21         System.out.println("Nilai Tugas    : " + nilaiTugas);
22         System.out.println("Nilai Kuis     : " + nilaiKuis);
23         System.out.println("Nilai UTS      : " + nilaiUTS);
24         System.out.println("Nilai UAS      : " + nilaiUAS);
25         System.out.println("Nilai Total    : " + hitungNilaiTotal());
26         return hitungNilaiTotal();
27     }
28
29     public double hitungNilaiTotal() {
30         double total = ((nilaiTugas * 0.3) + (nilaiKuis * 0.2) + (nilaiUTS * 0.2) + (nilaiUAS * 0.3));
31         return total;
32     }
33
34     public double rataRataNilai(double Mhs[]) {
35         double rata = 0;
36         double total = 0;
37         for (int i = 0; i < Mhs.length; i++) {
38             total += Mhs[i];
39         }
40         double rata2 = total / Mhs.length;
41         return rata2;
42     }
43 }
44

```