

LATIHAN 2.3

Buatlah file baru dengan nama **penilaian.java** dan tulis kode berikut :

```
import java.util.Scanner;
public class penilaian {

    String nim;
    String nama;
    float nTugas=0;
    float nMid=0;
    float nAkhir=0;

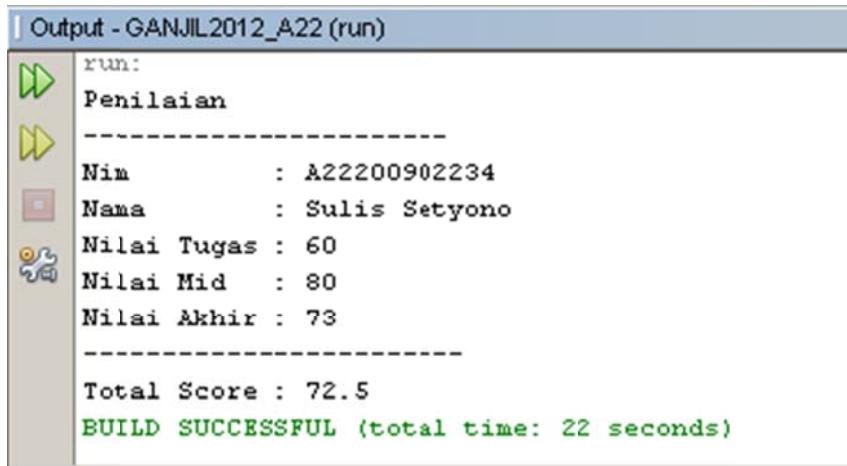
    double getTotalScore()
    {
        return (0.2*nTugas)+(0.3*nMid)+(0.5*nAkhir);
    }

    void show()
    {
        Scanner input = new Scanner(System.in);
        System.out.println("Penilaian");
        System.out.println("-----");
        System.out.print("Nim : ");nim=input.nextLine();
        System.out.print("Nama : ");nama=input.nextLine();
        System.out.print("Nilai Tugas : ");nTugas=input.nextFloat();
        System.out.print("Nilai Mid : ");nMid=input.nextFloat();
        System.out.print("Nilai Akhir : ");nAkhir=input.nextFloat();
        System.out.println("-----");
        System.out.println("Total Score : "+getTotalScore());
    }
}
```

Selanjutnya buat file baru dengan nama **penilaian_main.java** dan buatkan kelas **penilaian_main** serta tambahkan main program pada kelas tersebut :

```
public class penilaian_main {
    public static void main(String[] args)
    {
        penilaian nilai = new penilaian();
        nilai.show();
    }
}
```

Selanjutnya coba compile dan run file tersebut maka akan muncul hasil sbb:



The screenshot shows the output window of a Java IDE during a run operation. The title bar says "Output - GANJIL2012_A22 (run)". The output itself is a series of text lines representing the execution of a Java application named "Penilaian". The application displays student information and calculates a total score. The output is as follows:

```
run:
Penilaian
-----
Nim      : A22200902234
Nama     : Sulis Setyono
Nilai Tugas : 60
Nilai Mid  : 80
Nilai Akhir : 73
-----
Total Score : 72.5
BUILD SUCCESSFUL (total time: 22 seconds)
```