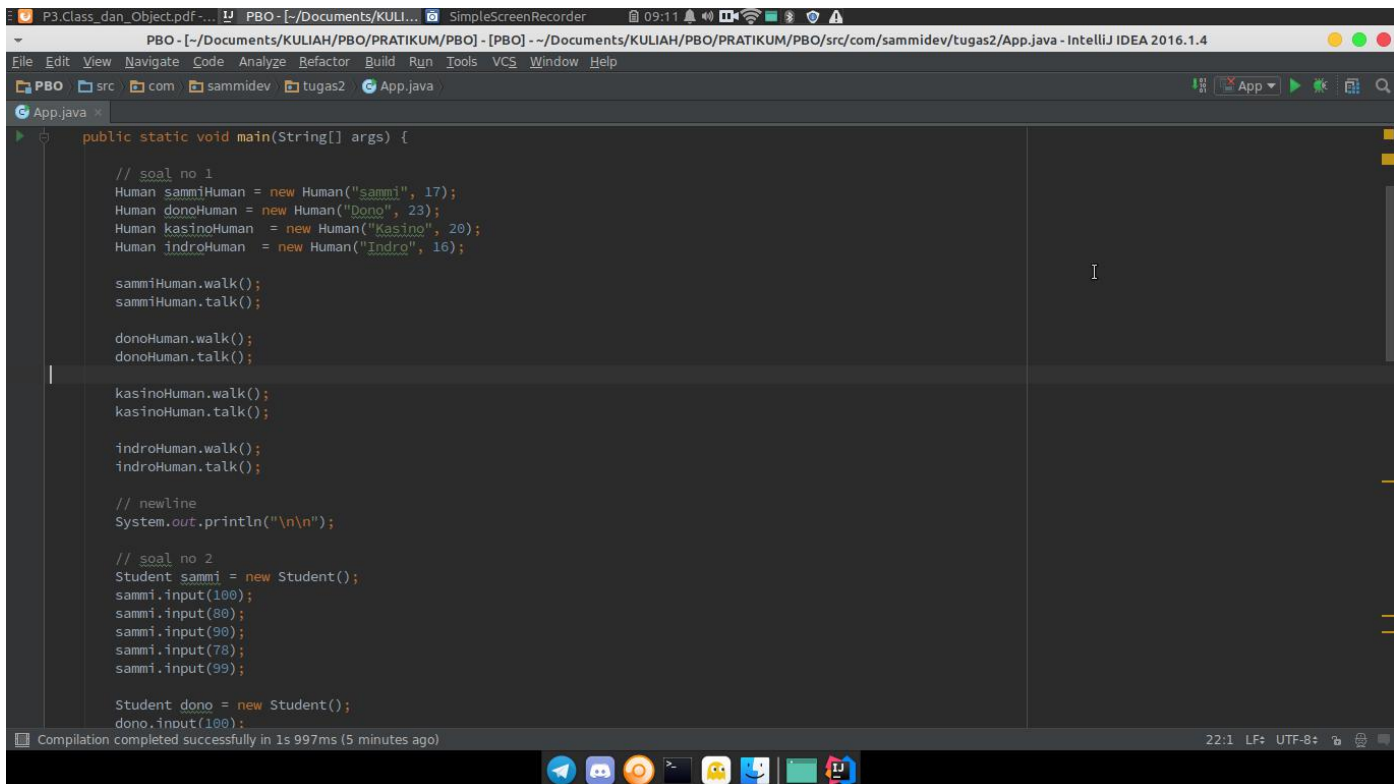


Nama : Sammi Aldhi Yanto  
NIM : 2003113948  
Jurusan/Prodi/Kelas : Ilmu Komputer/Sistem Informasi/A  
Mata Kuliah : Pemrograman Berorientasi Objek  
Dosen Pengampu : Al Aminuddin, ST, MSc  
Tugas : 2

Source code tugas:

<https://github.com/SemmiDev/PBO/blob/master/src/com/sammidev/tugas2/App.java>



```
public static void main(String[] args) {  
    // soal no 1  
    Human sammiHuman = new Human("sammi", 17);  
    Human donoHuman = new Human("Dono", 23);  
    Human kasinoHuman = new Human("Kasino", 20);  
    Human indroHuman = new Human("Indro", 16);  
  
    sammiHuman.walk();  
    sammiHuman.talk();  
  
    donoHuman.walk();  
    donoHuman.talk();  
  
    kasinoHuman.walk();  
    kasinoHuman.talk();  
  
    indroHuman.walk();  
    indroHuman.talk();  
  
    // newline  
    System.out.println("\n\n");  
  
    // soal no 2  
    Student sammi = new Student();  
    sammi.input(100);  
    sammi.input(80);  
    sammi.input(90);  
    sammi.input(78);  
    sammi.input(99);  
  
    Student dono = new Student();  
    dono.input(100);  
}
```

Compilation completed successfully in 1s 997ms (5 minutes ago)

```
P3.Class_dan_Object.pdf... PBO - [~/Documents/KULIAH/... SimpleScreenRecorder 09:11
PBO - [~/Documents/KULIAH/PBO/PRATIKUM/PBO] - [PBO] - ~/Documents/KULIAH/PBO/PRATIKUM/PBO/src/com/sammidew/tugas2/App.java - IntelliJ IDEA 2016.1.4
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
PBO src com sammidew tugas2 App.java
App.java x
Student dono = new Student();
dono.input(100);
dono.input(100);
dono.input(100);
dono.input(100);
dono.input(100);
dono.input(100);
dono.input(99);
dono.input(99);

System.out.println("Jumlah input score sammi : " + sammi.getCountInputScore());
System.out.println("Total score sammi : " + sammi.getScore());
System.out.println("Rata-rata sammi : " + sammi.calculateAve());

System.out.println("Jumlah input score dono : " + dono.getCountInputScore());
System.out.println("Total score dono : " + dono.getScore());
System.out.println("Rata-rata dono : " + dono.calculateAve());
}
}

// a class named Human
class Human {
    // Instance variables named name
    private String name;
    // Instance variables named age
    private int age;

    // constructor for assign name and age attribute
    Human(String name, int age) {
        this.name = name;
        this.age = age;
    }

    // void walk() function that print "Human (name) is walking"
    void walk() { System.out.println("Human (" + this.name + ") is walking"); }

    // void talk() function that print "Human (name) is talking"
    void talk() { System.out.println("Human (" + this.name + ") is talking"); }
}

Compilation completed successfully in 1s 997ms (6 minutes ago) 22:1 LF: UTF-8+
```

```
P3.Class_dan_Object.pdf... PBO - [~/Documents/KULIAH/... SimpleScreenRecorder 09:12
PBO - [~/Documents/KULIAH/PBO/PRATIKUM/PBO] - [PBO] - ~/Documents/KULIAH/PBO/PRATIKUM/PBO/src/com/sammidew/tugas2/App.java - IntelliJ IDEA 2016.1.4
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help
PBO src com sammidew tugas2 App.java
App.java x
// a class named Human
class Human {
    // Instance variables named name
    private String name;
    // Instance variables named age
    private int age;

    // constructor for assign name and age attribute
    Human(String name, int age) {
        this.name = name;
        this.age = age;
    }

    // void walk() function that print "Human (name) is walking"
    void walk() { System.out.println("Human (" + this.name + ") is walking"); }

    // void talk() function that print "Human (name) is talking"
    void talk() { System.out.println("Human (" + this.name + ") is talking"); }
}

// a class named Student
class Student {
    // an instance variable named score
    private double score;

    // an instance variable named countInputScore for count the total input
    private int countInputScore;

    // get score
    public double getScore() { return score; }

    // get CountInputScore
    public int getCountInputScore() { return countInputScore; }
}

Compilation completed successfully in 1s 997ms (6 minutes ago) 22:1 LF: UTF-8+
```

