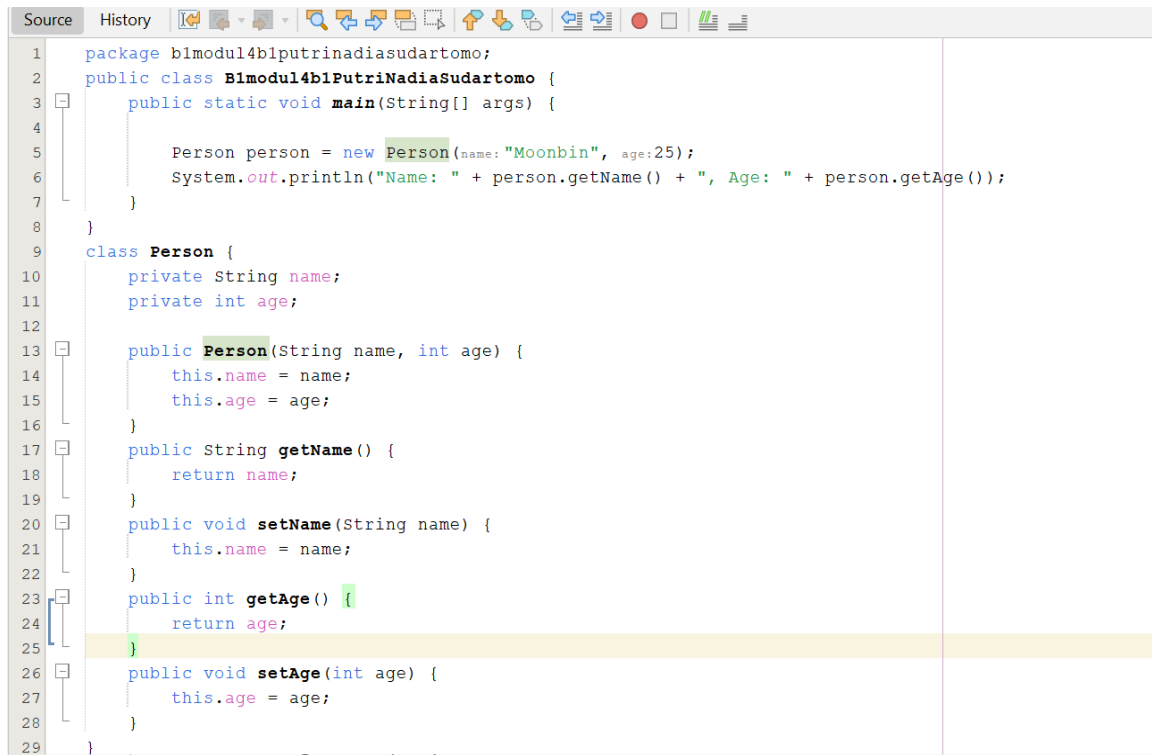


Nama : Putri Nadia Sudartomo

Nim : 13020210003

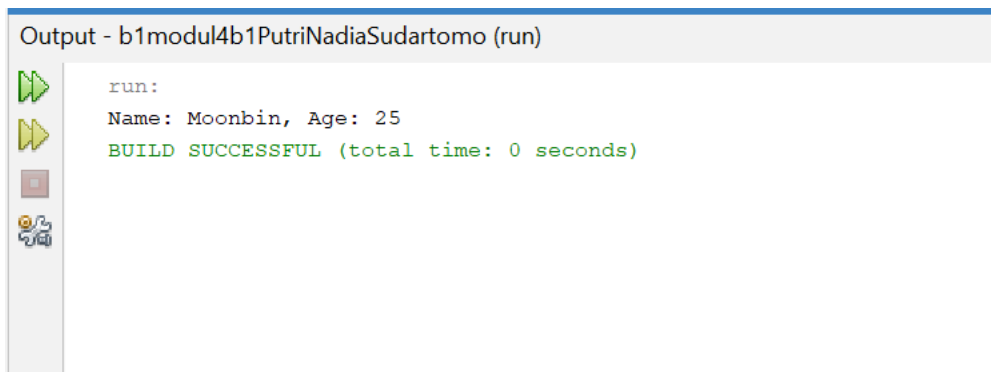
1. Terapkan akses modifier pada atribut dan lakukan proses enkapsulasi pada suatu kelas dan juga Implementasikan method setter dan getter pada attribute kelas yang sudah diberikan akses modifier private

Jawab :



```
1 package b1modul4b1putrinadiasudartomo;
2 public class B1modul4b1PutriNadiaSudartomo {
3     public static void main(String[] args) {
4
5         Person person = new Person(name: "Moonbin", age:25);
6         System.out.println("Name: " + person.getName() + ", Age: " + person.getAge());
7     }
8 }
9 class Person {
10     private String name;
11     private int age;
12
13     public Person(String name, int age) {
14         this.name = name;
15         this.age = age;
16     }
17     public String getName() {
18         return name;
19     }
20     public void setName(String name) {
21         this.name = name;
22     }
23     public int getAge() {
24         return age;
25     }
26     public void setAge(int age) {
27         this.age = age;
28     }
29 }
```

Output :



```
Output - b1modul4b1PutriNadiaSudartomo (run)
run:
Name: Moonbin, Age: 25
BUILD SUCCESSFUL (total time: 0 seconds)
```


2. Buatlah satu kelas yang nantinya kelas tersebut memiliki 3 kelas turunan, dan juga terapkan method overriding pada kelas turunannya

Jawab :

```
Source History
1 package blmodul4.overriding;
2
3 public class Blmodul4Overriding {
4     public static void main(String[] args) {
5         Kendaraan kendaraan = new Kendaraan();
6         Motor motor = new Motor();
7         Merk merk = new Merk();
8
9         motor.setNama(nama: "Royal Enfield Himalaya");
10        merk.setNama(nama: "Royal Enfield");
11
12        System.out.println("Nama Motor : " + motor.getNama());
13        System.out.print(s: "Tokoh Motor : ");
14        motor.tampilkanTokoh();
15
16        System.out.println("\nNama Merk : " + merk.getNama());
17        System.out.print(s: "Tokoh Merk : ");
18        merk.tampilkanTokoh();
19    }
20 }
```

```
Source History
1 package blmodul4.overriding;
2
3 class Motor extends Kendaraan {
4     @Override
5     public void tampilkanTokoh() {
6         System.out.println(x: "Nusantara Royal Enfield Motor");
7     }
8 }
```

```
Source History
1 package blmodul4.overriding;
2
3 class Merk extends Kendaraan {
4     @Override
5     public void tampilkanTokoh() {
6         System.out.println(x: "Royal Enfield");
7     }
8 }
9
```

```
Source History 
1 package b1modul4.overriding;
2
3 class Kendaraan {
4     private String nama;
5
6     public void setNama(String nama) {
7         this.nama = nama;
8     }
9
10    public String getNama() {
11        return nama;
12    }
13
14    public void tampilkanTokoh() {
15        System.out.println("Tidak ada tokoh");
16    }
17 }
18
```

Output :

```
Output - b1modul4.overriding (run)
run:
Nama Motor : Royal Enfield Himalaya
Tokoh Motor : Nusantara Royal Enfield Motor

Nama Merk : Royal Enfield
Tokoh Merk : Royal Enfield
BUILD SUCCESSFUL (total time: 0 seconds)
```