

**PRAKTIKUM PEMROGRAMAN BERORIENTASI  
OBJEK**

**untuk memenuhi tugas praktikum ke-4**



**Dibuat oleh :**

**Afandi Ikhsyan Al**

**Karim (4522210032)**

**Kelas A**

**Dosen :**

**ADI WAHYU PRIBADI, S.Si., M.Kom**

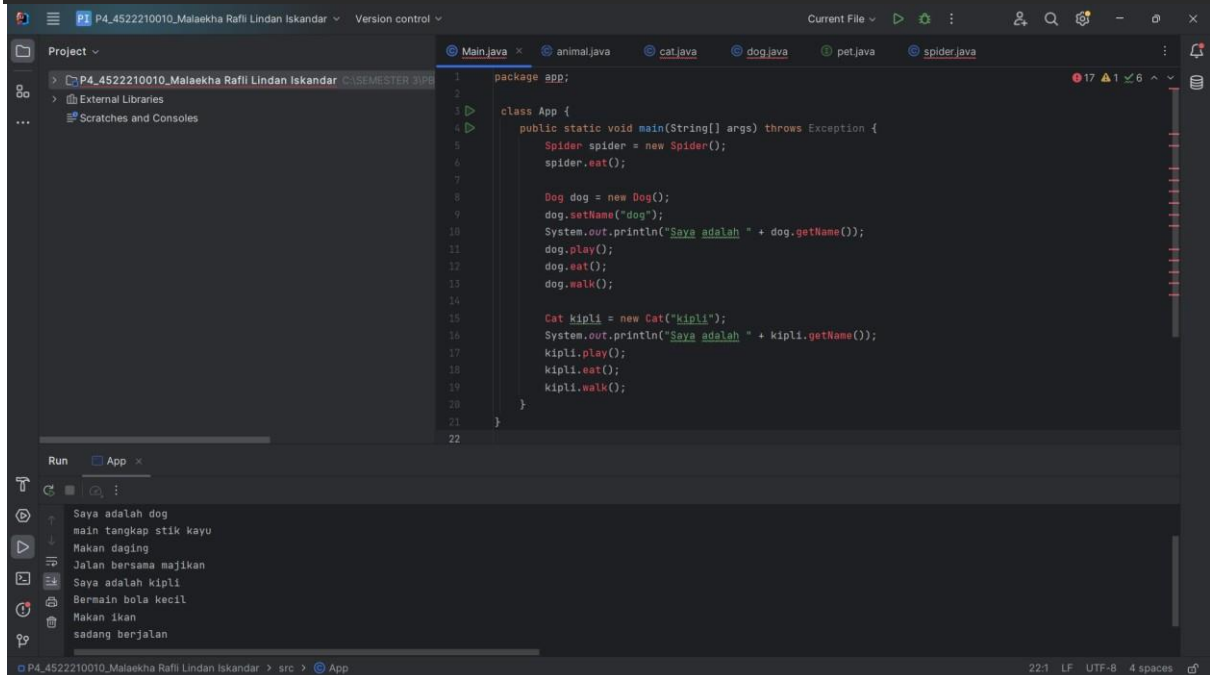
**S-1 Teknik Informatika**

**Universitas Pancasila**

**2023/2024**

## 1. CLASS MAIN

```
class App {  
    public static void main(String[] args) throws Exception {  
        Spider spider = new Spider();  
        spider.eat();  
  
        Dog dog = new Dog();  
        dog.setName("anjing");  
        System.out.println("Saya adalah " + dog.getName());  
        dog.play();  
        dog.eat();  
        dog.walk();  
  
        Cat cat = new Cat("kucing");  
        System.out.println("Saya adalah " + cat.getName());  
        cat.play();  
        cat.eat();  
        cat.walk();  
    }  
}
```



## 2. CLASS DOG

```
class Dog extends Animal implements Pet {
    private String name;

    public Dog() {
        super(4);
    }

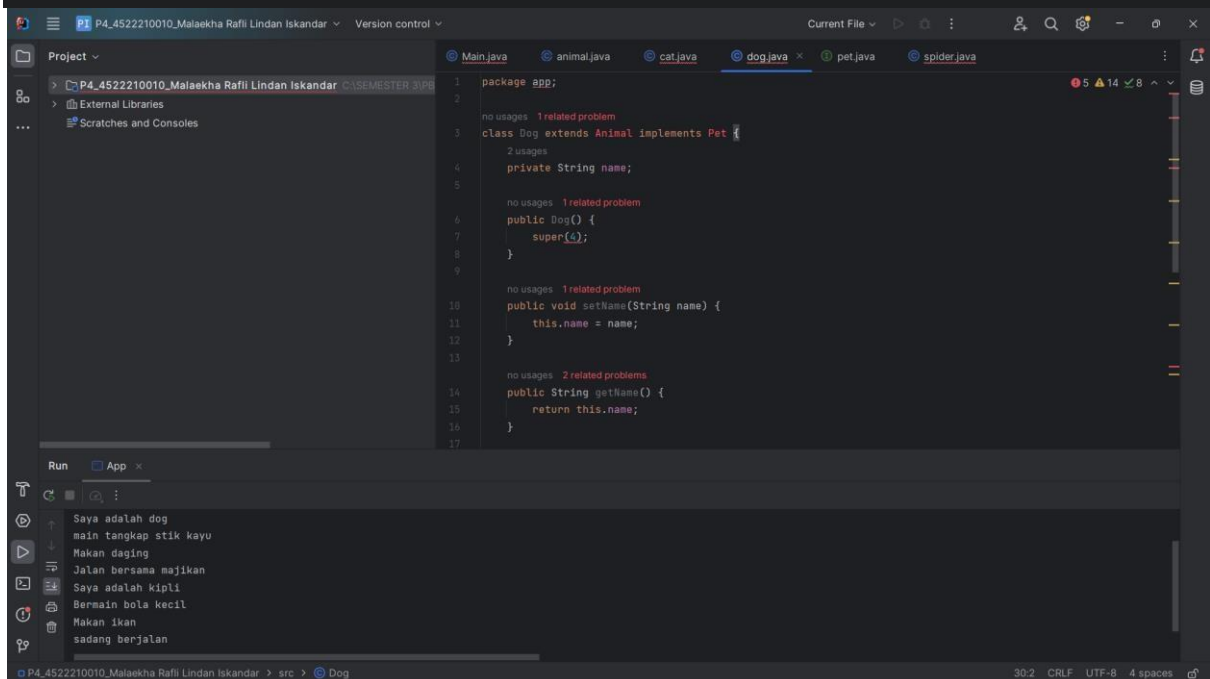
    public void setName(String name) {
        this.name = name;
    }

    public String getName() {
        return this.name;
    }

    public void play() {
        System.out.println("main lari-larian");
    }

    public void eat() {
        System.out.println("Makan tulang");
    }

    @Override
    public void walk() {
        System.out.println("Jalan bersama majikan");
    }
}
```



### 3. CLASS CAT

```
class Cat extends Animal implements Pet {
    private String name;

    public Cat(String name) {
        super(4);
        this.name = name;
    }

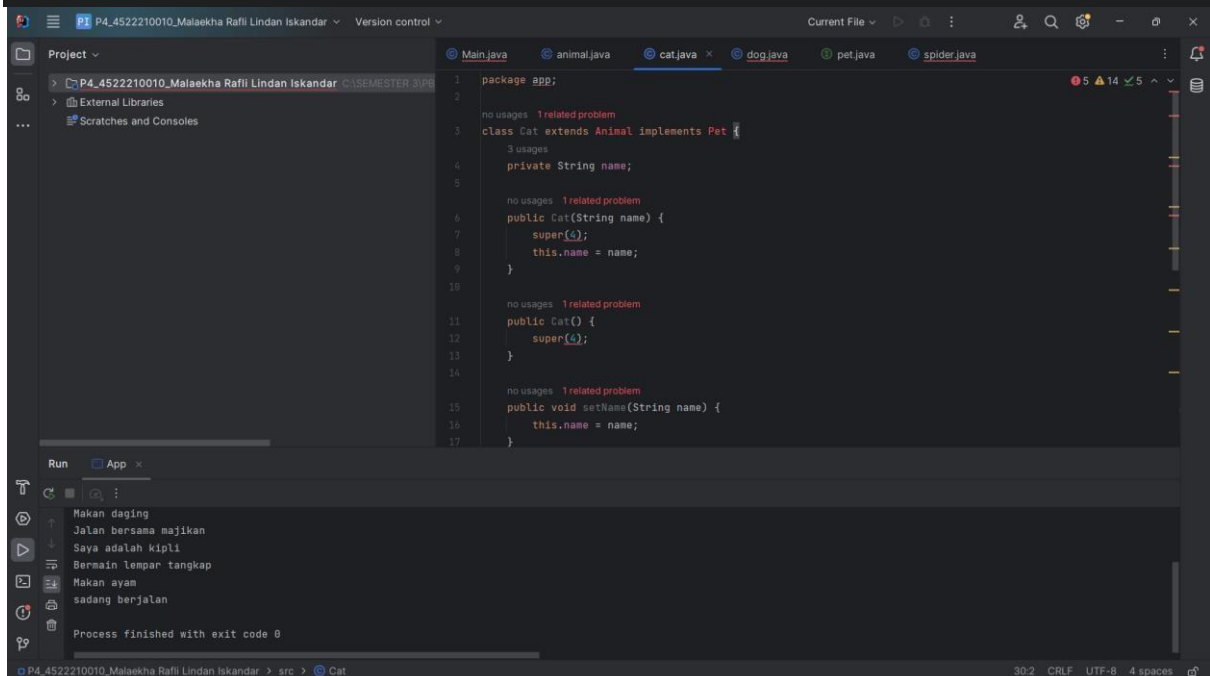
    public Cat() {
        super(4);
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getName() {
        return this.name;
    }

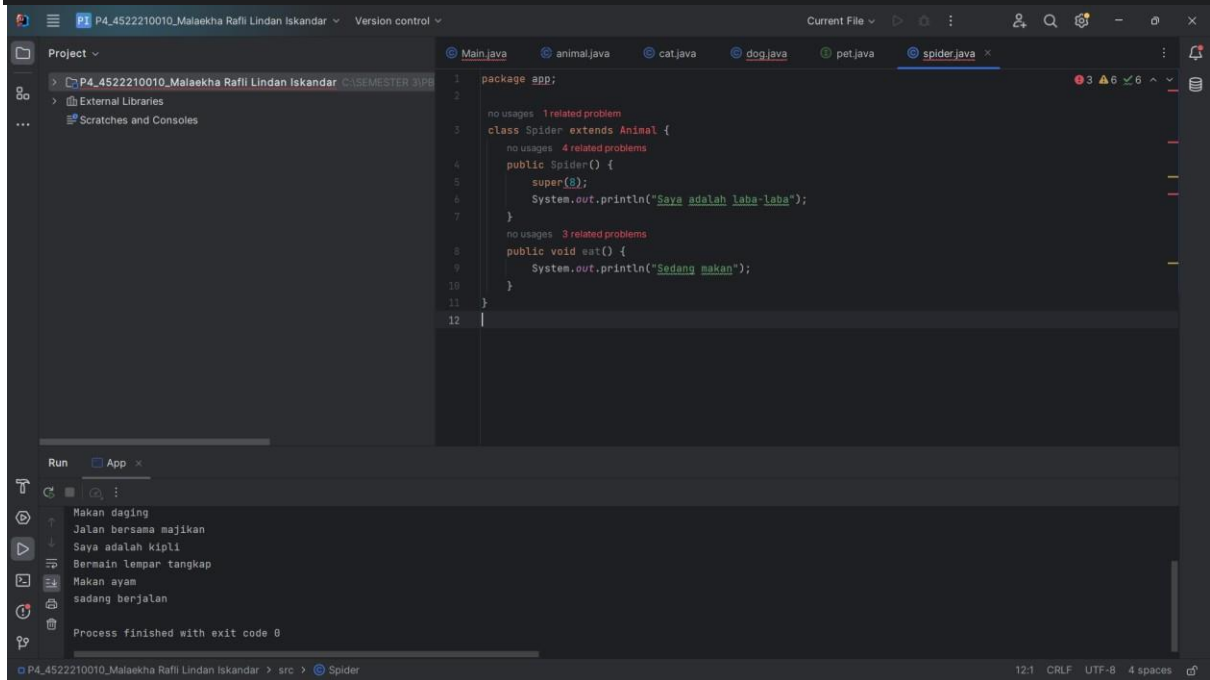
    public void play() {
        System.out.println("Bermain bola bekel");
    }

    public void eat() {
        System.out.println("Makan ikan");
    }
}
```



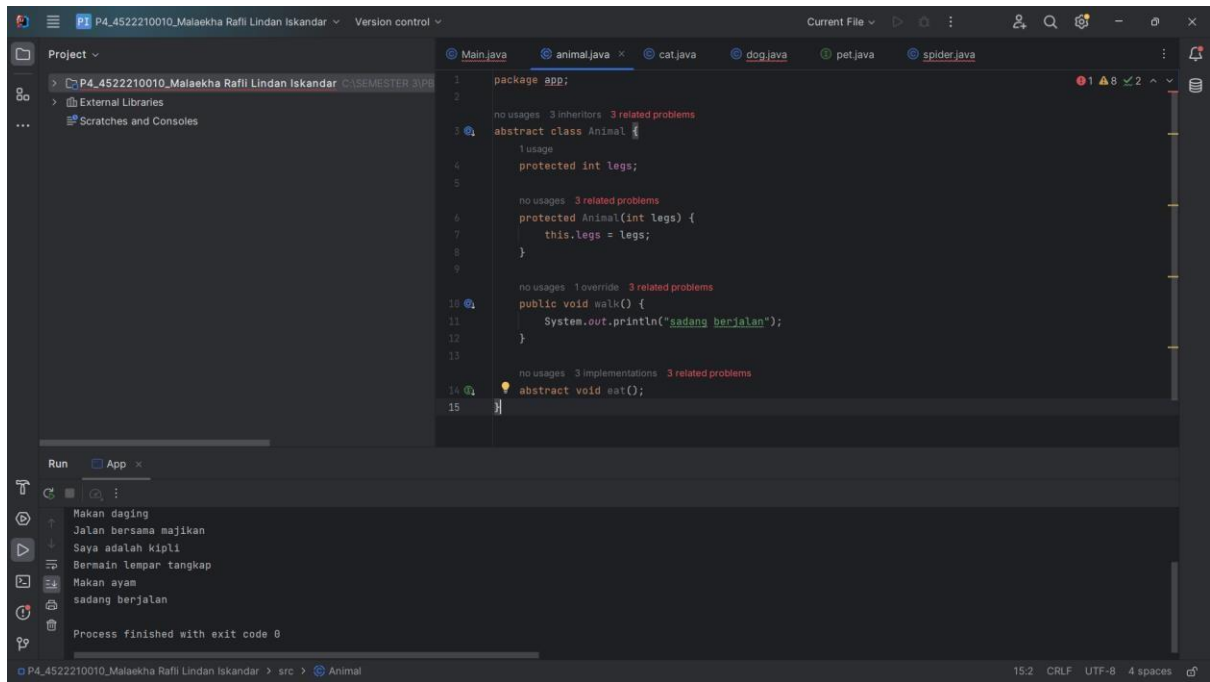
#### 4. CLASS SPIDER

```
class Spider extends Animal {  
    public Spider() {  
        super(8);  
        System.out.println("Saya adalah laba-laba");  
    }  
    public void eat() {  
        System.out.println("Sedang makan");  
    }  
}
```



#### 5. CLASS ANIMAL

```
abstract class Animal {  
    protected int legs;  
  
    protected Animal(int legs) {  
        this.legs = legs;  
    }  
  
    public void walk() {  
        System.out.println("sedang berjalan");  
    }  
  
    abstract void eat();  
}
```

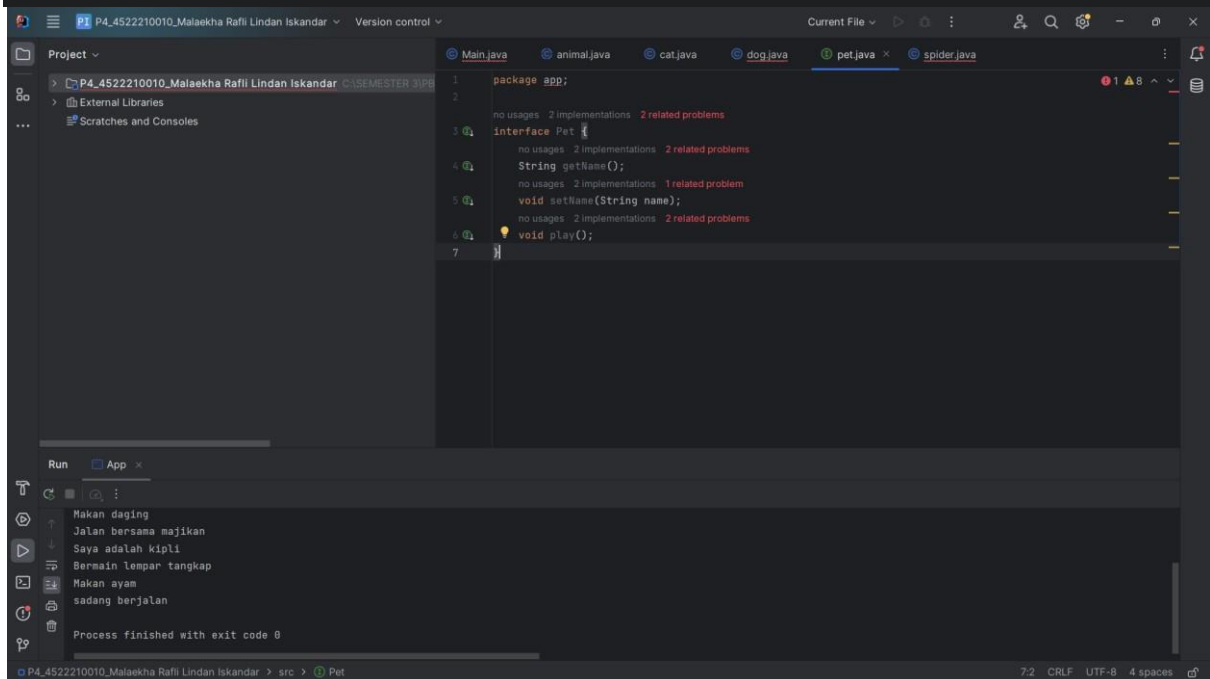


## 6. CLASS PET

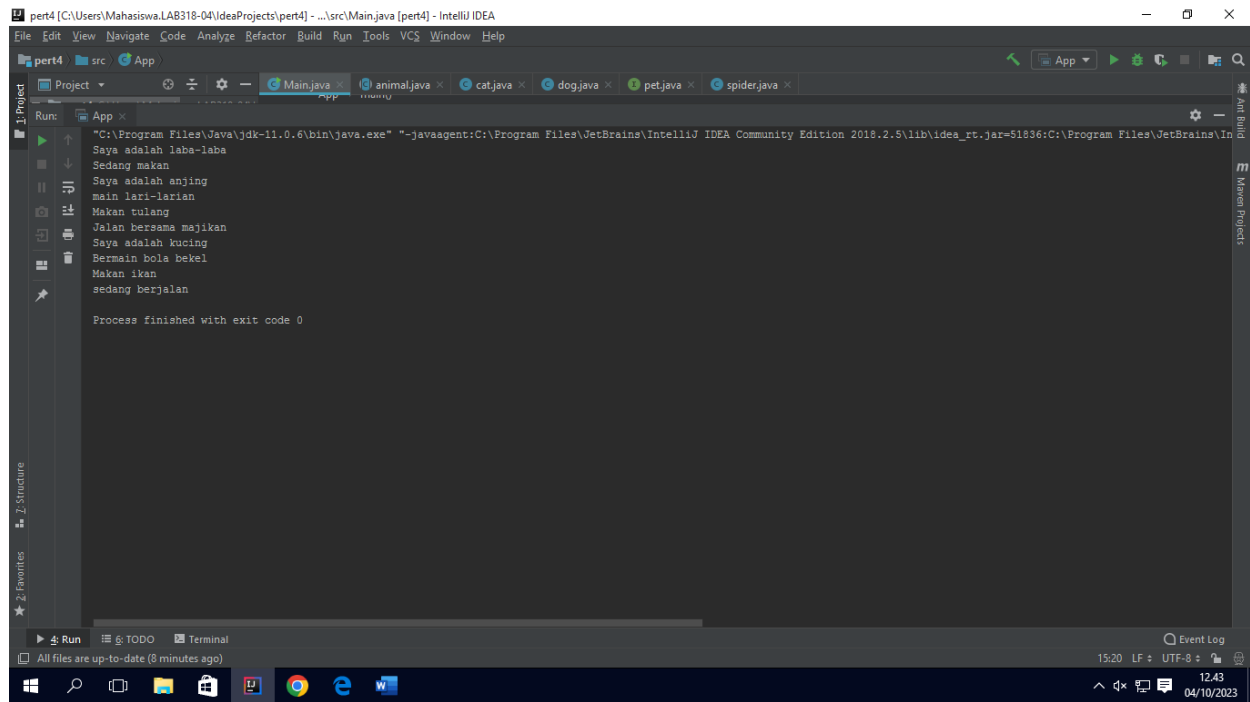
```

interface Pet {
    String getName();
    void setName(String name);
    void play();
}

```



## HASIL RUNNING



The screenshot shows the IntelliJ IDEA interface with a project named 'pert4'. The 'Run' tab is active, displaying the output of a Java application. The output text is as follows:

```
"C:\Program Files\Java\jdk-11.0.6\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2018.2.5\lib\idea_rt.jar=51836:C:\Program Files\JetBrains\I  
Saya adalah laba-laba  
Sedang makan  
Saya adalah anjing  
main lari-larian  
Makan tulang  
Jalan bersama majikan  
Saya adalah kucing  
Bermain bola bekel  
Makan ikan  
sedang berjalan  
  
Process finished with exit code 0
```

The bottom status bar indicates the time is 15:20, the file encoding is UTF-8, and the date is 04/10/2023.