

**LAPORAN TUGAS 7
INHERITANCE 2**

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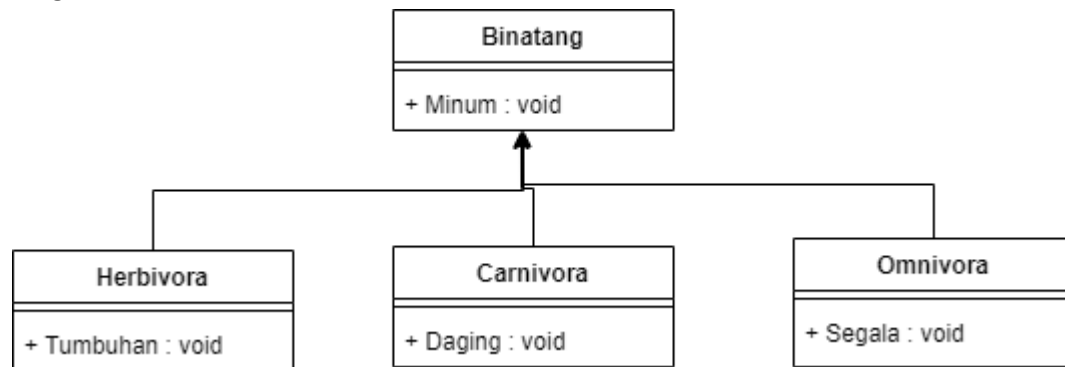
**Dewangga Putra Yusafa
(2041720222)
2B-10**



**PROGRAM STUDI D4 TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2021**

Hierarchical

Diagram Class



Program

Class Binatang

```
package latsoalinherit2.hierarchial;

public class Binatang {
    public void Makan() {
        System.out.println("Semua binatang pasti makan");
    }
}
```

Class Herbivora extends Binatang

```
package latsoalinherit2.hierarchial;

public class Herbivora extends Binatang{
    public void Herb() {
        System.out.println("Pemakan tumbuhan");
    }
}
```

Class Carnivora extends Binatang

```
package latsoalinherit2.hierarchial;

public class Carnivora extends Binatang{
    public void Carnivor() {
        System.out.println("Pemakan daging");
    }
}
```

Class Omnivora extends Binatang

```
package latsoalinherit2.hierarchial;

public class Omnivora extends Binatang{
    public void Omni() {
        System.out.println("Pemakan segala");
    }
}
```

Main

```
package latsoalinherit2.hierarchial;

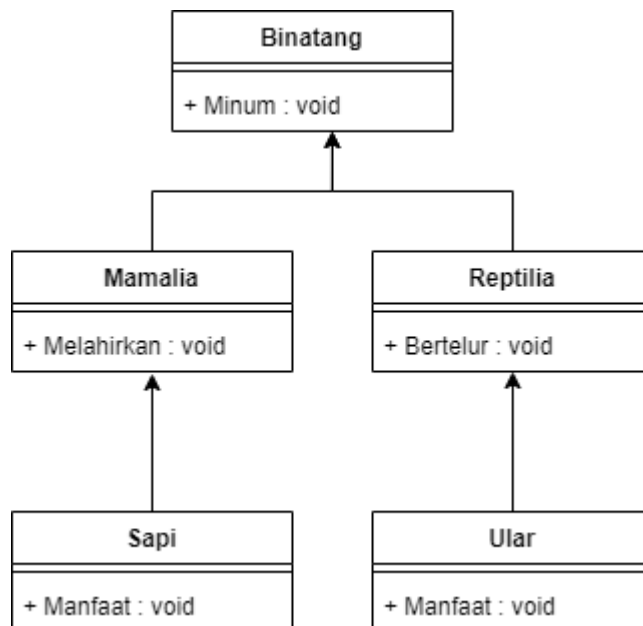
public class HirarkiTest {
    public static void main(String[] args) {
        Herbivora herbi = new Herbivora();
        herbi.Makan();
        herbi.Herb();
    }
}
```

Output

```
Semua binatang pasti makan
Pemakan tumbuhan
```

Hybrid

Diagram Class



Program

Class Binatang

```
package latsoalinherit2.hybrid;

public class Binatang {
    public void Minum() {
        System.out.println("Minum air pastinya");
    }
}
```

Class Mamalia extends Binatang

```
package latsoalinherit2.hybrid;

public class Mamalia extends Binatang{
    public void Minum() {
        System.out.println("Melahirkan , kecuali platypus");
    }
}
```

Class Reptilia extends Binatang

```
package latsoalinherit2.hybrid;

public class Reptilia extends Binatang{
    public void Bertelur() {
        System.out.println("Bertelur semua, kecuali ular derik");
    }
}
```

Class Sapi extends Mamalia

```
package latsoalinherit2.hybrid;

public class Sapi extends Mamalia{
    public void Manfaat() {
        System.out.println("Diperah susunya untuk diminum");
    }
}
```

Main

```
package latsoalinherit2.hybrid;

public class HybridTest {
    public static void main(String[] args) {
        Sapi sapi = new Sapi();
        sapi.Minum();
        sapi.Melahirkan();
        sapi.Manfaat();
    }
}
```

Output

```
Minum air pastinya
Melahirkan , kecuali platypus
Diperah susunya untuk diminum
```