



Universidad de las Fuerzas Armadas

**CLASS NAME :OBJECT ORIENTED
PROGRAMMING
LASCANO**

TEACHER: EDISON

NRC: 14575

WORKSHOP #: 25

TOPIC: WS25ZooExample

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The screenshot shows the NetBeans IDE with the Zoo.java file open. The code defines a Zoo class with a main method that creates an Animal object and prints its details. The output window shows the execution results.

```
package ec.edu.espe.zoo.view;

import ec.edu.espe.zoo.model.Animal;
import java.util.Date;

/**
 *
 * @author David
 */
public class Zoo {

    public static void main(String[] args) {
        Animal animal = new Animal();
        System.out.println("animal-->" + animal);
    }
}
```

Output:

```
run:
animal-->ec.edu.espe.zoo.model.Animal@3feba861
BUILD SUCCESSFUL (total time: 0 seconds)
```

The screenshot shows the NetBeans IDE with the Zoo.java file open. The code defines a Zoo class with a main method that creates an Animal object and prints its details. The output window shows the execution results.

```
package ec.edu.espe.zoo.view;

import ec.edu.espe.zoo.model.Animal;
import java.util.Date;

/**
 *
 * @author David
 */
public class Zoo {

    public static void main(String[] args) {
        Animal animal = new Animal(id: 0, scientificName: "platypus", new Date(), cageId: 1);
        System.out.println("animal -->" + animal);
        System.out.println("animal type" + animal.getClass());

        animal = new Platypus(isCarnivore: true, priotGlads: 0, numberOFmammaryGlads: 0, spine: "spine small", numberOFBones: 0, id: 0, scientificName: "platypus");
        System.out.println("animal -->" + animal);
        System.out.println("animal type" + animal.getClass());

        animal = new Giraffe(numberOFmammaryGlads: 0, spine: "big spine", numberOFBones: 0, id: 0, scientificName: "Girafus", new Date(), cageId: 1);
        System.out.println("animal -->" + animal);
        System.out.println("animal type" + animal.getClass());
    }
}
```

Output:

```
run:
animal -->Animal{id=0, scientificName=platypus, bornDate=Thu Jan 11 12:16:15 ECT 2024, cageId=1}
animal typeclass ec.edu.espe.zoo.model.Animal
animal -->Platypus{Mammal{Vertebrate{Animal{id=0, scientificName=platypus scientific, bornDate=Thu Jan 11 12:16:15 ECT 2024, cageId=0}spine=spine small
animal typeclass ec.edu.espe.zoo.model.Platypus
animal -->Giraffe{Mammal{Vertebrate{Animal{id=0, scientificName=girafus, bornDate=Thu Jan 11 12:16:15 ECT 2024, cageId=1}spine=big spine, numberOFBones
animal typeclass ec.edu.espe.zoo.model.Giraffe
BUILD SUCCESSFUL (total time: 0 seconds)
```