

```

12  * Santhor Carlos
13  */
14  public class Zoo {
15      public static void main(String[] args) {
16          System.out.println("----> POLYMORPHISM by Carlos Hernandez");
17          Animal animal=new Animal(1, 0, scientificName: "Platypus", new Date(), cageId: 1);
18          System.out.println("Animal---->" +animal);
19          System.out.println("Animal type-->" +animal.getClass());
20
21          ArrayList<Animal> animals= new ArrayList<>();
22          animals.add(animal);
23
24          Animal animal=new Platyopus (1, 0, scientificName: "Platyopus Scientific", new Date(), cageId: 0, spine: "spine small", numberOfBones: 0);
25          System.out.println("Animal---->" +animal);
26          System.out.println("Animal type-->" +animal.getClass());
27          animals.add(animal);
28
29          Animal animal=new Giraffe (numberOfHemmaryGlands: 0, id: 0, scientificName: "Girafus", new Date(), cageId: 0, spine: "big spine", numberOfBones: 0);
30          System.out.println("Animal---->" +animal);
31          System.out.println("Animal type-->" +animal.getClass());
32
33          Giraffe giraffe=new Giraffe (numberOfHemmaryGlands: 4, id: 2, scientificName: "Giraffa", new Date(2023, 0, 1, 0, 0), cageId: 3, spine: "long", numberOfBones: 206);
34          animals.add(giraffe);
35          System.out.println("other giraffe -->" +giraffe);
36          giraffe.breastFeed();
37      }
38  }

```

Output - Zoo (run) x

```

Zoo:
----> POLYMORPHISM by Carlos Hernandez
Animal-->
Animal[id=1, scientificName=Platypus, bornDate=Sat Jan 13 07:38:51 ECT 2024, cageId=1]
Animal type-->class en.edu.espe.zoo.model.Animal
Animal-->Platyopus(Mammal|Vertebrate{
- Animal[id=1, scientificName=Platyopus Scientific, bornDate=Sat Jan 13 07:38:51 ECT 2024, cageId=0]spine=spine small, numberOfBones=0:numberOfHemmaryGlands=0;
Animal type-->class en.edu.espe.zoo.model.Platyopus
Animal-->Giraffe(Mammal|Vertebrate{
- Animal[id=1, scientificName=Giraffe, bornDate=Sat Jan 13 07:38:51 ECT 2024, cageId=1]spine=big spine, numberOfBones=0:numberOfHemmaryGlands=0;
Animal type-->class en.edu.espe.zoo.model.Giraffe
other giraffe -->Giraffe(Mammal|Vertebrate{
- Animal[id=2, scientificName=Giraffe, bornDate=Thu Feb 01 01:00:00 ECT 3823, cageId=3]spine=long, numberOfBones=206:numberOfHemmaryGlands=4;
breastfeeding the neck of the giraffe
giraffe is breast feeding
giraffe is breastfeeding its calf number -->1
Zoo animals
[
- Animal[id=1, scientificName=Platyopus, bornDate=Sat Jan 13 07:38:51 ECT 2024, cageId=1], Platyopus(Mammal|Vertebrate{
- Animal[id=2, scientificName=Platyopus Scientific, bornDate=Sat Jan 13 07:38:51 ECT 2024, cageId=0]spine=spine small, numberOfBones=0:numberOfHemmaryGlands=0; Giraffe(Ma
- Animal[id=2, scientificName=Giraffe, bornDate=Thu Feb 01 01:00:00 ECT 3823, cageId=3]spine=long, numberOfBones=206:numberOfHemmaryGlands=4;
total animals-->3
MULTI SUCCESSFUL, total time: 0 seconds

```

