Code:

Animal.java

```
public abstract class Animal {
   private String name;
   private int age;
   private String species;
    public Animal(String name, int age, int weight, String species) {
       this.age = age;
       this.weight = weight;
       this.species = species;
    public String getName() {
    public void setName(String name) {
    public int getWeight() {
```

Lion.java

Main.java

Result:

```
"C:\Program Files\Java\jdk-20\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2023.3
Name: Leo
Age: 100000
Weight: 300 kg
Species: Barbary lion
This species has gone extinct due to overhunting, habitat destruction, and a fatal respiratory ailment.

Process finished with exit code 0
```

Github repo link:

https://github.com/daniellim27/Daniel Exercise1 DSA TA 2024