Object Oriented Computing (Java)

ZooProject

Inheritance:  
Inheritance allows classes to inherit attributes and methods from their parent classes. For example, in the Zoo project, the classes Lion, Fish, and Eagle inherit from the Animal class.  
  
Polymorphism:  
Polymorphism allows objects of different classes to be treated as objects of a common superclass. This is achieved through method overriding. For instance, the makeSound() method is overridden in each subclass to produce different behaviors specific to lions, fish, and eagles.

A computer screen shot of a computer code

Description automatically generated