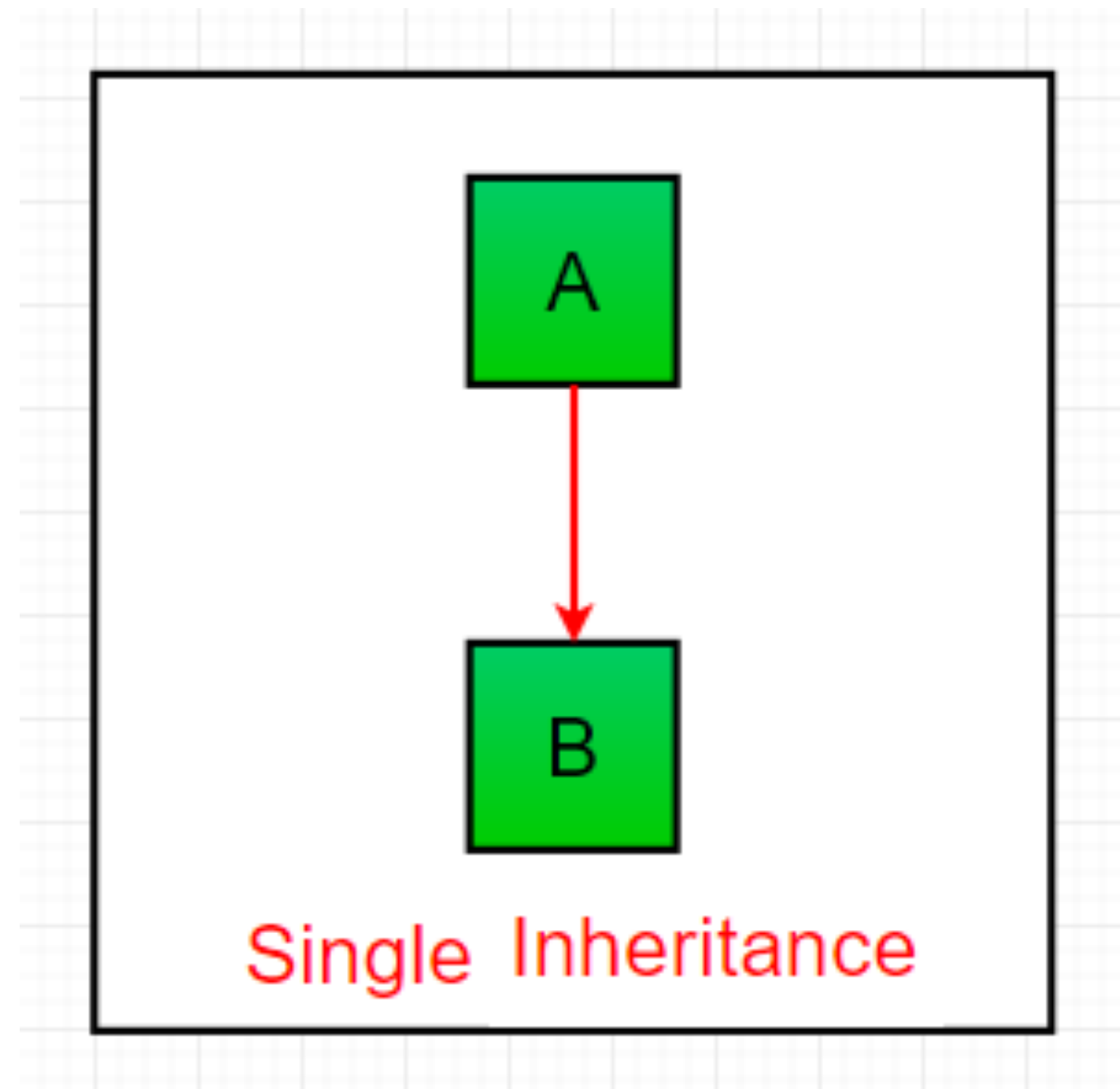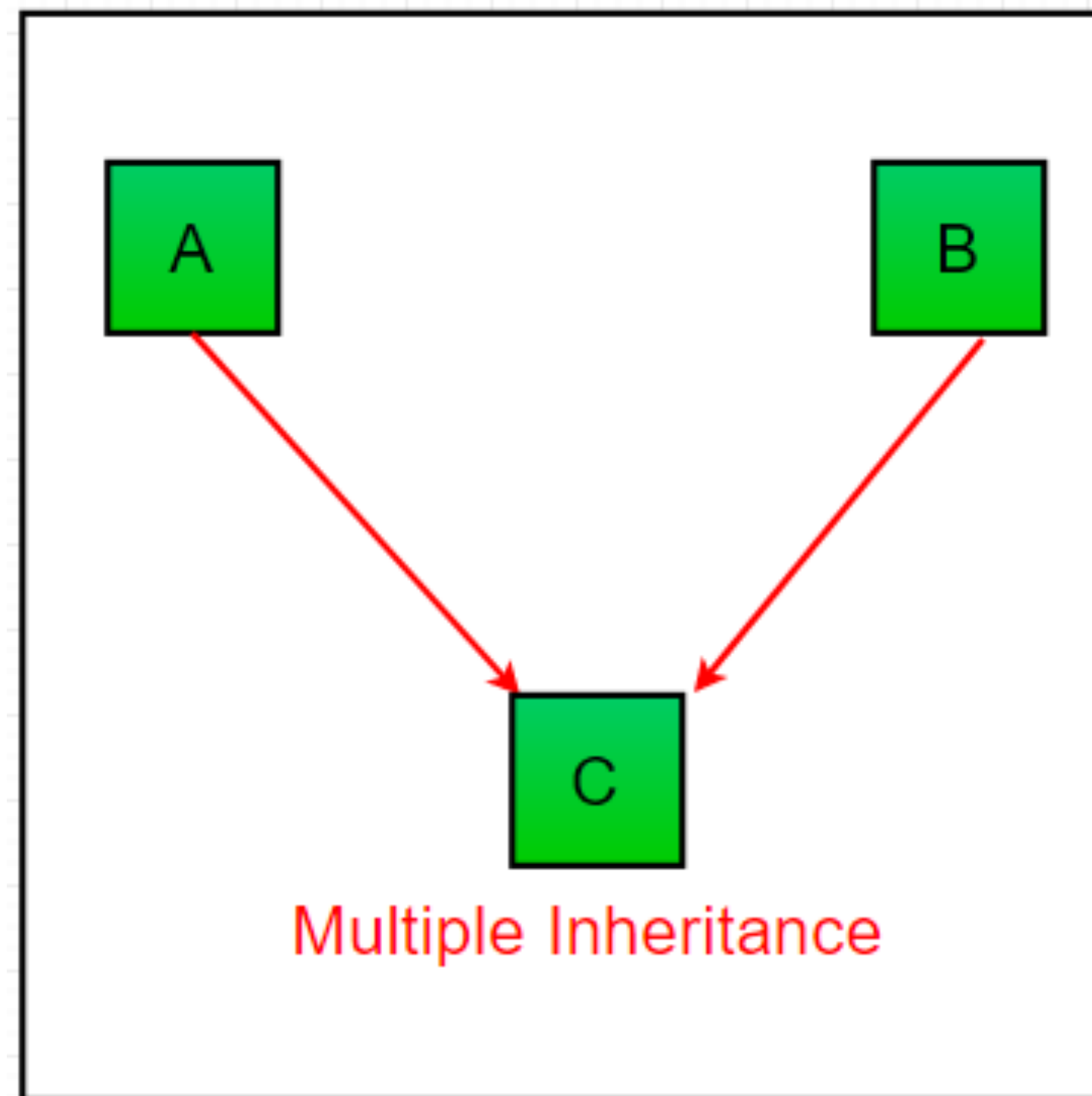# Lecture 3, pt. 2

Course: «Programming principles II»

By: Kelgenbayev A.
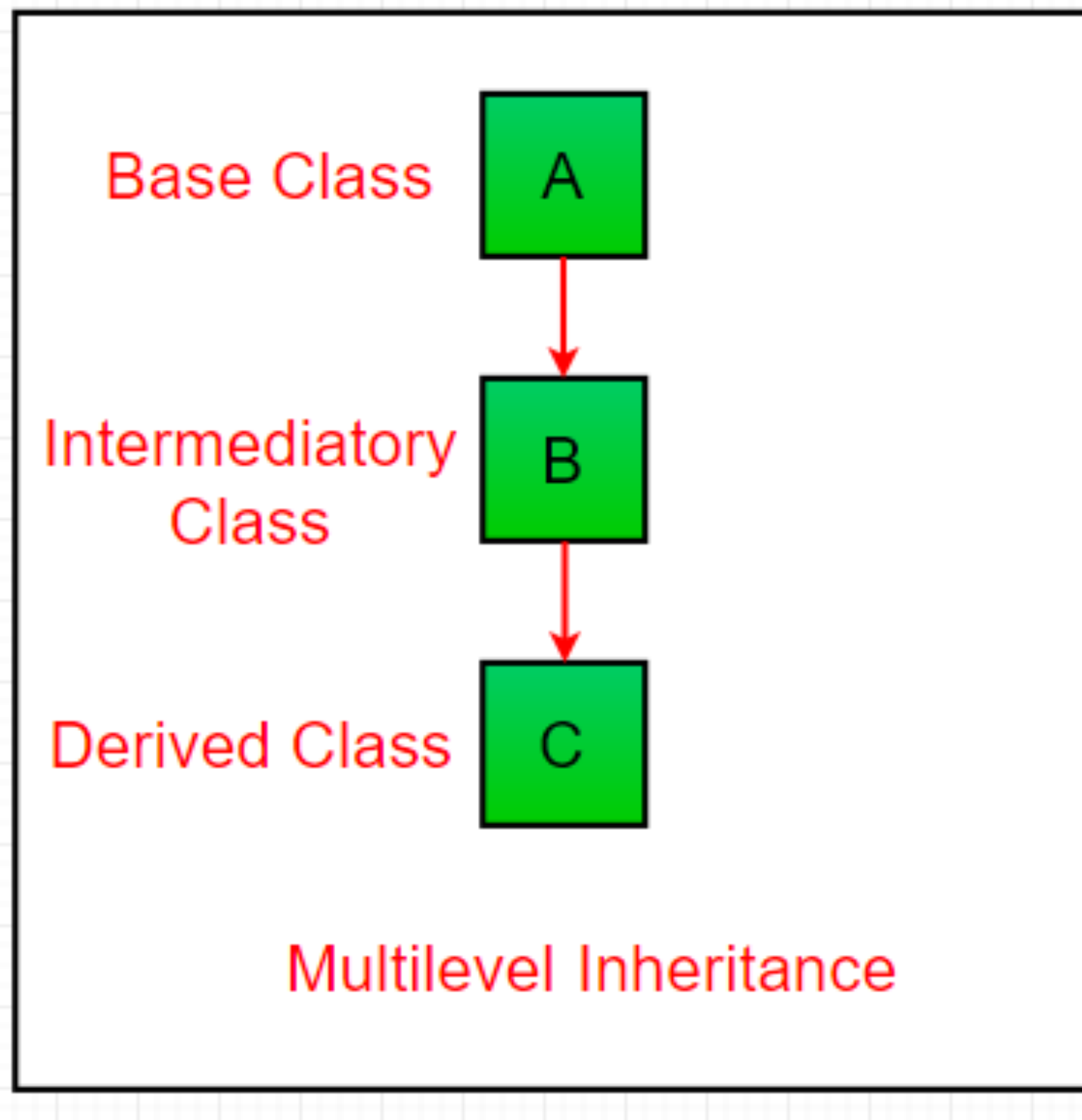
Single Inheritance
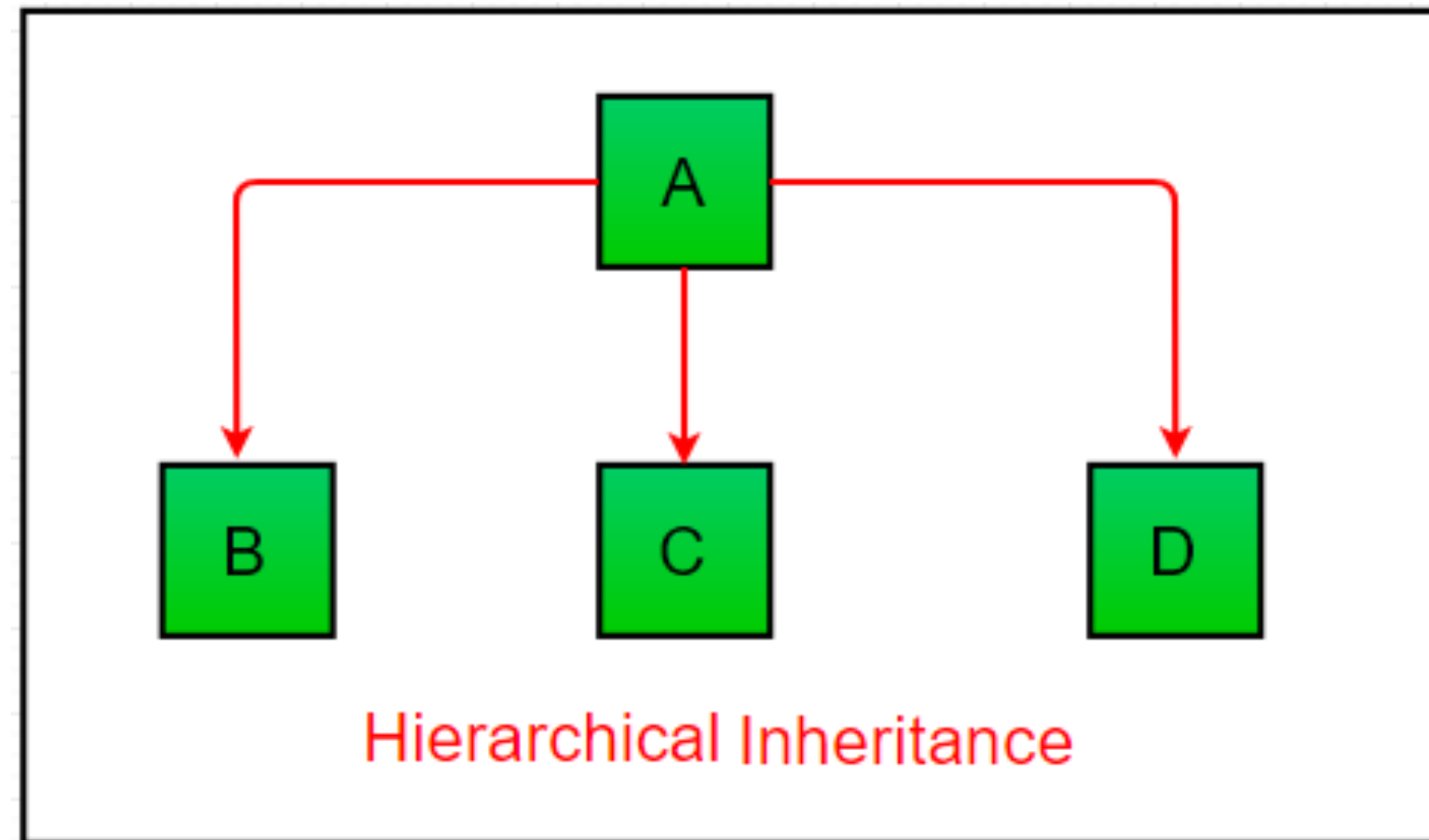
Multiple Inheritance

Multiple Inheritance

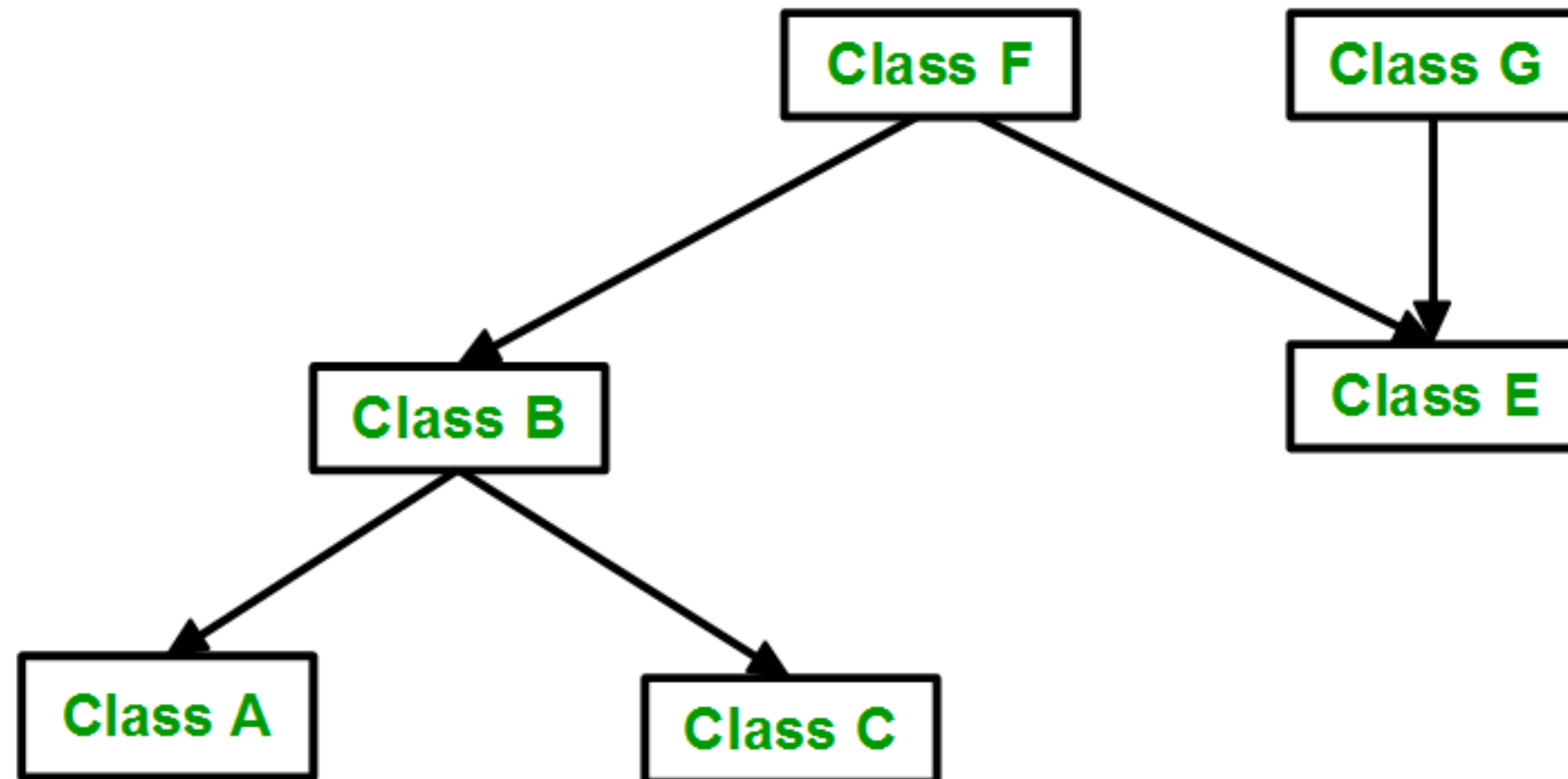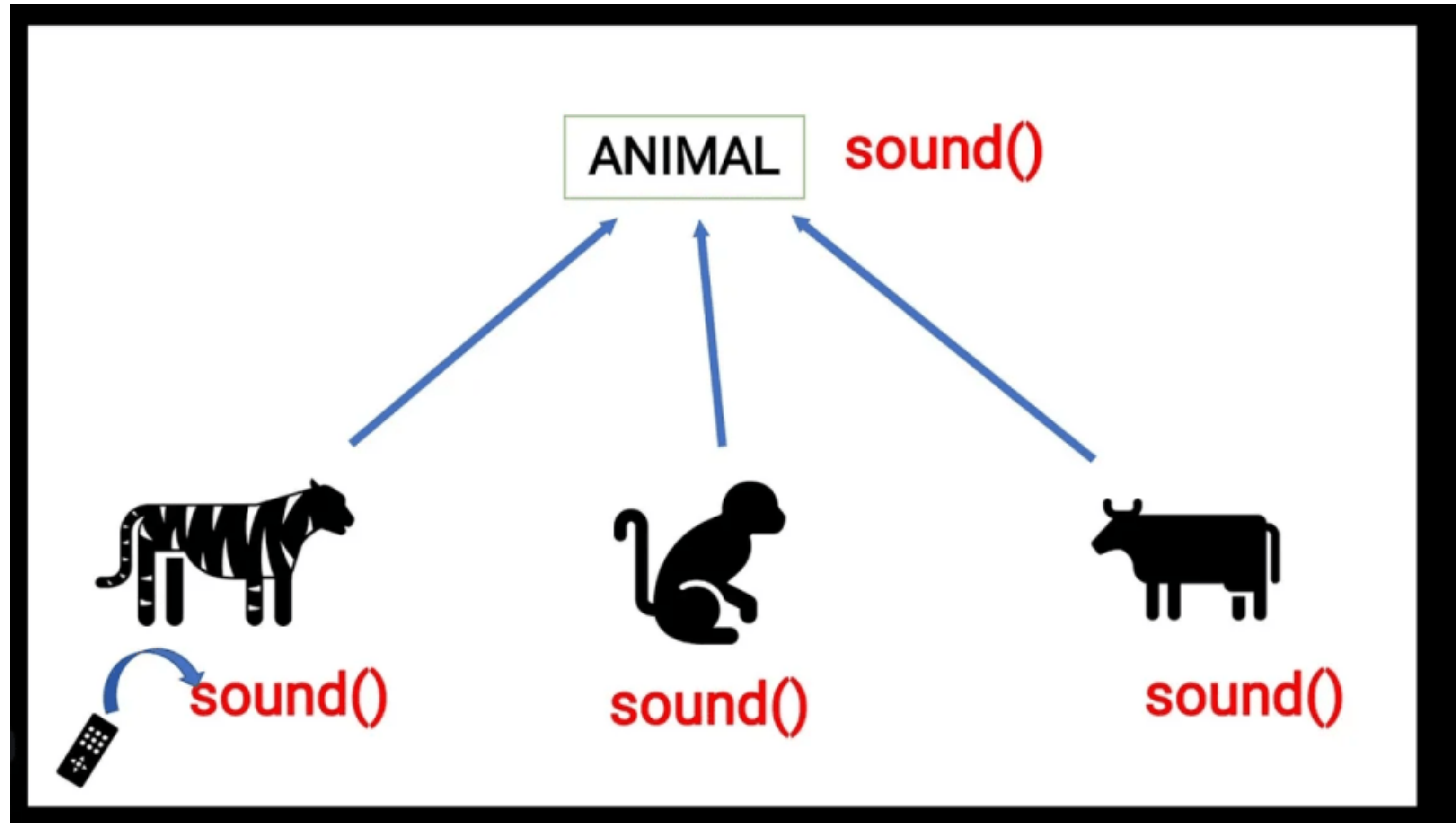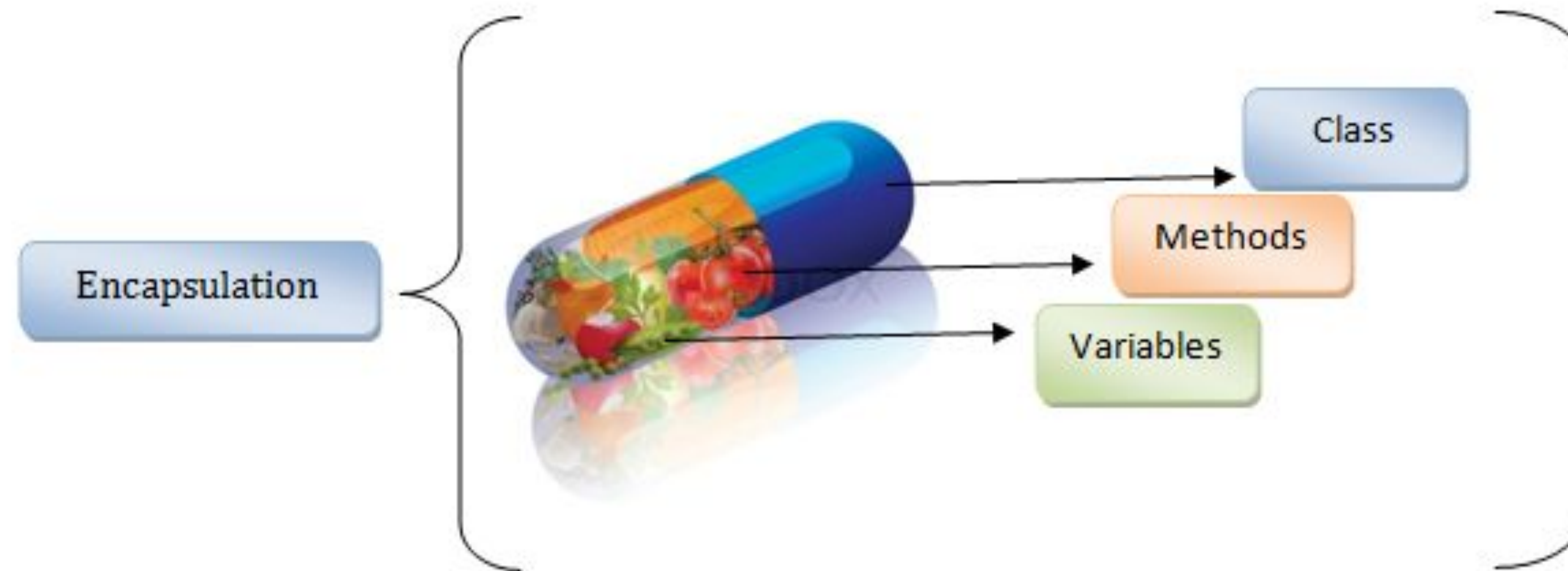# Multilevel Inheritance

Hierarchical Inheritance

Hierarchical Inheritance

Hybrid Inheritance

Polymorphism

Encapsulation

Constructor

```python
def __init__(self):
    # body of the
constructor
```

Destructor

```python
def __del__(self):
    # body of destructor
```