

Fourth DayTopics to be Covered :

OOPs - Inheritance { Super Keyword  
Method overriding

Super() Keyword

Super Keyword is used to refer to superclass (parent class) of a derived class (subclass) within the context of inheritance.

↳ It allows us to access and call the superclass's members (variables and methods) from the subclass.

- Accessing a Superclass Constructor

```
class Vehicle {
    private String brand;
    public Vehicle (String brand) {
        this.brand = brand;
    }
}
```

```
class Car extends Vehicle {
    private int year;
    public Car (String brand, int year) {
        super (brand);    → Calling the Superclass properties
        this.year = year;
    }
}
```

### - Invoking a Superclass Method

super.Vehicle();

↳ calling the superclass Method

### - Accessing Superclass variables

The We can invoke the superclass method and perform additional calculations. The 'area' variable is accessed with the 'super' keyword to refer to the superclass's version of the variable.

↳ check code on Github