Data Hiding

Data hiding is protect data from direct access. This is added using <u>private.</u>

For example,

```java
public class Student {  26 usages   & Domik-hub
    private String name;  4 usages
    private String id;  4 usages
    private String major;  4 usages
    private double gpa;  5 usages
    private int credits;  5 usages
```

This means that you cannot change the value of an object's data without functions.

Encupculation

Encupculation is access control to them through methods. Typically used in conjunction with data hiding.

```java
    public String getName() { return name; }
```

Data abstraction

Data abstaction is hide implementation, show essential. The keyword is <u>abstract.</u>