

Akademia Górniczo-Hutnicza



Java Programming

Lab Report n°1

Java — elements of OOP (I)

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1 – Concepts of encapsulation, inheritance, and polymorphism

1 - Encapsulation

Encapsulation is the way, in Java, the user can assign an **access modifier** to limit the visibility of certain attributes or methods

2 - Setter and Getter

Setter

The setter method is a method used to make a private attribute writable by users.

Getter

The getter method is a method used to make a private attribute readable by users.

3 - this and super

this

this is an implicit parameter passed when calling a method of an object

Getter

The getter method is a method used to make a private attribute readable by users.