OBJECT-BASED PROGRAMMING

INHERITANCE

Create an example of hierarchical inheritance with 1 parent class and 2 child classes. In the parent class there are at least 3 attributes and in each child class there is at least 1 additional attribute. Create the diagram class

My diagram class :

- Parent   : employee
- Child   : lecturer & teaching_staff

employee

+ name: String
+ position: String
+ age: String

+ getName(): String
+ setName(String name): void
+ getPosition(): String
+ setPosition(String position): void
+ getAge(): String
+ setAge(String age): void
+ displayInfo(): void

lecturer

+ NIP: String
+ subject: String

+ getNIP(): String
+ setNIP(String NIP): void
+ getSubject(): String
+ setSubject(String subject): void
+ displayInfo(): void

teaching_staff

+ NIP: String
+ part: String

+ getNIP(): String
+ setNIP(String NIP): void
+ getPart(): String
+ setPart(String part): void
+ displayInfo(): void