1. Java chaining constructor?

Why ?

* We don’t have single point of creation
* Making our class more complicated than it should be
* Our fields cannot be final
* Unnecessary field initialization is creating an unused object.

What ?

Constructor chaining means that we are writing our constructors in a way that has them calling other constructors inside a class, finally reaching the single top constructor. This top constructor is called the primary constructor, and all others are called secondary.

How ?

* It can be achieved in 2 ways
* By using this() keyword for chaining constructors in the same class.
* By suing super() keyword for chaining constructors from the parent class.
* Two constructors can be created to skip the optional field.

Advantage :

* Less duplicated code 🡪 DRY (Don’t repeat yourself)
* We have objects initialization done in single constructor that one accepting al attributes.
* Chaining constructor makes code more readable .

Disadvantage:

* We expose more wayts of contructing an object when using constructors chaining.