Title: Refactoring: **chain the constructor together to obtain the least duplicate code** Motivation to refactor:

Multiple constructors in a class can contain duplicate code each time a variable is initialized. This makes code harder to read as there are a lot of repeated statements, making it tedious for future developers to work with. This issue may also cause functional problems as multiple constructors would each need to be updated when a new variable is added, which is a problem if there are many constructors. The solution is to implement a chain of constructors, otherwise known as a series of constructors that call each other. This removes duplicate code and ensures all constructors are up to date.

**Sample code:**

