StreamAPI:

* It will works only on Collections framework
* It is used for code optimization.
* It is used to process the data(collections) through pipeline, but it wont store the data.
* It is lazy loading
* It contains 2 operations

1. Intermediate operations:

* Data manipulations can be done
* Ex: filter(), map(), sorted(), distinct() etc..
* Its return type is Stream.

1. Terminal operations:

* It is used to collected output data of intermediate operations
* It has multiple return types🡺 list, set etc ...
* Ex: collect(), count(), forEach();

Optional class:

* This is used to handle the null pointer exception.
* If data is null it wont throw error it will Optional.Empty
* Methods are like get(), filter(), optional.of(), optional.ofNullable(), orElse(). orElseThrow(),isPresent(), ifPresent().

Student:

Private int id

Private String name;

Private Address address;

Address:

PlotNo

streetName;