Class ShortAddress, the superclass was developed following the examples in the text. Its attributes the String variables: firstName, secondName, and phoneNumber. It contains a constructor and a method, outputDetail().

The subclass of ShortAddtress, FullAddress was interesting to develop and was implemented as an extension of the superclass meaning that it inhereited all the attributes of the superclass alongside some of its own attributes, street1Name, street2Name and cityName and houseNumber. The attributes of the superclass was conferred using the super reserved word. This class also contains a constructor and a method, outputDetails().

The main call, Week4DQApp is where the use inputs the values and then calls the relevant methods in the Short and Full Address classes via instantiation of those classes. This also incorporates a bit of exception handling where I attempted to use the NullPointerException error to see if no values are input, it will prompt the user to re-enter the value via a do…while loop; but I am not sure it actually works!

# Bibliography

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