

FullName

Constructor: FullName(String title, String firstName, String middleName, String lastName)

Input: new FullName("Mr", "Junesung", "", "Lee")

Expected Output: FullName object with title="Mr", firstName="Junesung", middleName="", lastName="Lee"

FullName Serialize with All Property: toString()

Input: new FullName("Mr", "Junesung", "MiddleName", "Lee").toString()

Expected Output: Mr. Junesung MiddleName Lee

FullName Serialize with an Empty String Parameter: toString()

Input: new FullName("Mr", "Junesung", "", "Lee").toString()

Expected Output: Mr. Junesung Lee (Similar output expected for putting empty string into title parameter)

FullName Serialize with a NULL Parameter: toString()

Input: new FullName("Mr", "Junesung", null, "Lee").toString()

Expected Output: Mr. Junesung Lee (Similar output expected for putting null into title parameter)

MailingAddress

Constructor: MailingAddress(FullName fullName, String streetAddress, String city, String province, String postalCode)

Input: FullName fullName = new FullName("Mr", "Junesung", "", "Lee");
new MailingAddress(fullName, "355 Bulyea Rd NW", "Edmonton", "AB", "T6R 2B1")

Expected Output: MailingAddress object with fullName=fullName, streetAddress="355 Bulyea Rd NW", city="Edmonton", province="AB", postalCode="T6R2B1"

MailingAddress Serialize: toString()

Input: new FullName fullName = new FullName("Mr", "Junesung", "", "Lee");
new MailingAddress(fullName, "355 Bulyea Rd NW", "Edmonton", "AB", "T6R 2B1").toString()

Expected Output:

Mr. Junesung Lee

355 Bulyea Rd NW, Edmonton, AB, T6R 2B1

ShippingLabel

Constructor: ShippingLabel(MailingAddress shipFrom, MailingAddress shipTo)

Input: FullName sender = new FullName("Mr", "Junesung", "", "Lee");

FullName receiver = new FullName("Mr", "Steve", "", "Leung");

MailingAddress shipFrom = new MailingAddress(sender, "355 Bulyea Rd NW", "Edmonton", "AB", "T6R 2B1");

MailingAddress shipTo = new MailingAddress(receiver, "1 University Drive", "Athabasca", "AB", "T9S 3A3");

new ShippingLabel(shipFrom, shipTo)

Expected Output: ShippingLabel object with shipFrom=shipFrom and shipTo=shipTo

ShippingLabel Serialize: toString()

Input: FullName sender = new FullName("Mr", "Junesung", "", "Lee");

FullName receiver = new FullName("Mr", "Steve", "", "Leung");

MailingAddress shipFrom = new MailingAddress(sender, "355 Bulyea Rd NW", "Edmonton", "AB", "T6R 2B1");

MailingAddress shipTo = new MailingAddress(receiver, "1 University Drive", "Athabasca", "AB", "T9S 3A3");

new ShippingLabel(shipFrom, shipTo).toString()

Expected Output:

From: Mr. Junesung Lee

355 Bulyea Rd NW, Edmonton, AB, T6R 2B1

To: Mr. Steve Leung

1 University Drive, Athabasca, AB, T9S 3A3