



ListOfPackages
<div>ArrayList packageRecordList</div> <div>ListOfPackages() void addPackage() void deletePackage() void updatePackage() void showPackages() void searchPackage(String trackingNumber)</div>

Package
<div>String trackingNumber String specification string mailingClass</div> <div>package(String trakingNumber, String specification, String mailingClass) package() String getTrackingNumber() String getSpecification() String getMailingList() void printPackage()</div>

PackageEnvelope
<div>int height int width</div> <div>PackageEnvelope(int height, int width) int getHeight() int getWidth() void printPackage()</div>

PackageBox
<div>int largestDimension int volume</div> <div>PackageBox(int largestDimension, int volume) int getLargestDimension() int getVolume() void printPackage()</div>

PackageCrate
<div>float maximumWeight String content</div> <div>PackageCrate(float maximumWight, String content) float getMaximumWeight() String getContent() void printPackage()</div>

PackageDrum
<div>String material int diameter</div> <div>PackageDrum(String material, int diameter) String getMaterial() int getDiameter() void printPackage()</div>

ListOfUsers
<div>ArrayList userRecordList</div> <div>ListOfUsers() void addUser() void deleteUser() void updateUser() void showUsers() boolean isUserAlreadyInDatabase(int userID)</div>

User
<div>int id String firstName String lastName</div> <div>user(int id, String firstName, String lastName) user() int getId() String getFirstName() String getLastName() void printUser()</div>

UserEmployee
<div>int ssn float monthlySalary int accountNumber</div> <div>UserEmployee(int ssn, float salary, int account) Useremployee() int getSSN() float getMonthlySalary() int getAccountNumber() void printUser()</div>

UserCustomer
<div>String phoneNumber String address</div> <div>UserCustomer(String phoneNumber, String address) UserCustomer() String getPhoneNumber() String getAddress() void printUser()</div>

ListOfCompletedTransations
<div>ArrayList completedTransactionsList</div> <div>ListOfCompletedTransations() void completeTransaction() void showCompletedTransactions()</div>

CompletedTransations
<div>UserCustomer customer String packageTrackingNumber Date shippingStoreDate Date deliveryDate float shippingCost UserEmployee employee;</div> <div>CompletedTransations(userCustomer customer, String packageTrackingNumber, Date shippingStoreDate, Date deliveryDate, float shippingCost, UserEmployee employee) int getCustomerId() String getPackageTrackingNumber() Date getshippingStoreDate() Date getDeliveryDate() float getShippingCost() int getEmployeeId()</div>

ReadWriteFiles
<div>String type <i>//read or write</i></div> <div>String fileName</div> <div>String filePath</div> <div>ListOfPackages packages <i>//should be optional</i></div> <div>ListOfUsers users <i>//should be optional</i></div> <div>ListOfCompletedTransactions transactions <i>//should be optional</i></div> <div><div>ReadWriteFiles(String type, String fileName, String filePath, ListOfPackages packages, ListOfUsers users, ListOfCompletedTransactions transactions)</div><div>void readFiles()</div><div>void writeFiles()</div></div>