* Successful Construct of a DepartingTrain object.
* Add Locomotive as first carriage
* Add PassengerCar as first carriage – **expect exception**
* Add FreightCar as first carriage – **expect exception**
* Add 2 Locomotive carriages – **expect exception**
* Add Locomotive to end, check if last car is Locomotive.
* Add PassengerCar to end, check if last car is PassengerCar.
* Add FreightCar to end, check if last car is FreightCar.
* Add null to end – **expect exception**TEST ADDING CARRIAGES IN ORDER:
* Locomotive, Passenger
* Locomotive, Passenger, Freight
* Locomotive, Passenger, Freight, Passenger – **expect exception**
* Locomotive, Freight
* Locomotive, Freight, Passenger – **expect exception**
* Board 0 passengers to DepartingTrain of: L, P(20)
* Board 10 passengers to DepartingTrain of: L, P(20)
* Board 10 passengers, then board 15 passengers to DepartingTrain of: L, P(20), P(15)
* Board 20 passengers to DepartingTrain of: L, P(20)
* Board 21 passengers to DepartingTrain of: L, P(20) – **expect exception**
* Board -1 passengers to DepartingTrain of: L, P(20) – **expect exception**
* Board null passengers to DepartingTrain of: L, P(20) – **expect exception**
* Add Locomotive, then call firstCarriage - should return Locomotive.
* Call firstCarriage before adding and carriages – should return null
* Add Locomotive, PassengerCar and FreightCar, then call firstCarriage() then nextCarriage() - should return the PassengerCar.
* Add Locomotive, PassengerCar and FreightCar, then call nextCarriage() without calling firstCarriage() or nextCarriage() before – should return Locomotive == firstCarriage().
* Call nextCarriage() without adding any carriages or calling firstCarriage() or nextCarriage() before – should return null.
* Add Locomotive, PassengerCar and call numberOnBoard() before adding any passengers to any carriage on the train – should return 0.
* Add Locomotive, PassengerCar, board 10 people on and call numberOnBoard() – should return 10.
* Add Locomotive, PassengerCar, board 10 people on, then board another 10 people on and call numberOnBoard() – should return 20.
* Add Locomotive, PassengerCar with 20 seats and call numberOnBoard() – should return 20.
* Add Locomotive, PassengerCar with 0 seats and call numberOnBoard() – should return 0.
* Add Locomotive, FreightCar and call numberOnBoard() – should return 0.