Selva Path CS\_320

Contact Project

Java OOPS principals

I used Java OOPS principles to build this contact application. I created a project in Eclipse IDE, then packaged it in this package and created classes (Contact.java, ContactService.java, ContactTest.java, ContactServiceTest.java).

To write the codes, create a constructor with name, TP number, and address. Then, give the variables name, address, and top number parameterized. Constructors can also take parameters. The following example adds an int y parameter to the constructor. Inside the constructor, we set the name, number, and address. Then we call the constructor and pass a parameter to the constructor, which will set the value of all contact variables.

To build this contact application, I created a project in Eclipse IDE, then packaged it with classes (Contact.java, ContactService.java, ContactTest.java, and ContactServiceTest.java).

To write the codes, create a constructor with name ID, TP number, and address. Then, give the variables name, address, and top number parameterized. Constructors can also take parameters. The following example adds an int y parameter to the constructor. Inside the constructor, we set the name, number, and address. Then we call the constructor and pass a parameter to the constructor, which will set the value of all contact variables.

public class Contact {

// Private member variables for contact details

String contact ID.

String first Name.

String last Name.

String phone.

String address.

Constructor to initialize contact details. Public Contact (String contact ID, String first Name, String last Name, String phone, String address) {

this. Contact ID = contact ID.

this. First Name = first Name.

this. Last Name = last Name.

this. Phone = phone.

this. Address = address.

then this inheritance all other classes

to make sure that functionality of the contact application I used JUnit test to verify.

All the classes had no errors, application functions as expected.