```java
import java.io.Serializable;

/**
 * The contact class for lab-13 to be used as our objects in use in the AddressBook
class
 * @author will1310
 */
public class Contact implements Serializable{
      private String firstName, lastName, phoneNumber, email, address;

      /**
       * Empty Constructor for the Contact Class
       */
      Contact(){
            this("", "", "", "", "");
      }

      /**
       * Workhorse constructor for Contact class
       * @param firstName
       * @param lastName
       * @param phoneNumber
       * @param email
       * @param address
       */
      Contact(String firstName, String lastName, String phoneNumber, String email,
String address){
            this.firstName = firstName;
            this.lastName = lastName;
            this.phoneNumber = phoneNumber;
            this.email = email;
            this.address = address;
      }

      /**
       * Returns a formatted string of the Contact objects instance variables
       */
      public String toString() {
            return String.format("%s %s, %s, %s, %s", firstName, lastName, address,
email, phoneNumber);
      }

      /**
       * if the input object is a Contact object it compares to see if the
components are the same
       * if so it returns true if not it returns false
       */
      public boolean equals(Object o) {
            if(o instanceof Contact) {
                  Contact c = (Contact) o;
                  if(c.firstName.equals(firstName) && c.lastName.equals(lastName)
&& c.phoneNumber.equals(phoneNumber) && c.email.equals(email) &&
c.address.equals(address)) {
                        return true;
                  }
            }
            return false;
      }
```

```java
/**
 * gets the first name in the contact
 * @return
 */
public String getFirstName() {
    return firstName;
}

/**
 * sets the contacts first name to the inputed string
 * @param firstName
 */
public void setFirstName(String firstName) {
    this.firstName = firstName;
}

/**
 * gets the last name of the contact
 * @return
 */
public String getLastName() {
    return lastName;
}

/**
 * sets the contacts last name to given string
 * @param lastName
 */
public void setLastName(String lastName) {
    this.lastName = lastName;
}

/**
 * gets the contacts phone Number
 * @return
 */
public String getPhoneNumber() {
    return phoneNumber;
}

/**
 * sets the contacts phone number to given string
 * @param phoneNumber
 */
public void setPhoneNumber(String phoneNumber) {
    this.phoneNumber = phoneNumber;
}

/**
 * gets the contacts email
 * @return
 */
public String getEmail() {
    return email;
}

/**
 * sets the contacts email to given string
 * @param email
```

```java
     */
    public void setEmail(String email) {
        this.email = email;
    }

    /**
     * gets the contacts address
     * @return
     */
    public String getAddress() {
        return address;
    }

    /**
     * sets the contacts address to given string
     * @param address
     */
    public void setAddress(String address) {
        this.address = address;
    }



}
```