AddressBook Project Algorithm:

1. Initialize the **Contact** class with the following parameters:
    a. **name**
    b. **email**
    c. **phone**

2. Define the '**__str__**' method to return a formatted string containing the contact's name, email, and phone number.

3. Initialize the **AddressBook** class with an empty list to store the contacts.

4. Define the **add_contact** method to add a new contact to the contacts list.

5. Define the **remove_contact** method to remove a contact from the contacts list based on their name.

6. Define the **display_contacts** method to display all the contacts in the AddressBook.

7. Initialize the **AddressBook** class in the main function.

8. Create a while loop that displays a menu with the following options:
    a. Add contact
    b. Remove contact
    c. Display contacts
    d. Exit
9. Take input from the user for their choice.

10. If the user chooses to add a contact, take input from the user for the contact's name, email, and phone number, create a new Contact object with the input data, and add it to the AddressBook.

11. If the user chooses to remove a contact, take input from the user for the contact's name, and remove the contact with that name from the AddressBook.

12. If the user chooses to display contacts, call the **display_contacts** method.

13. If the user chooses to exit, break out of the loop.

14. If the user enters an invalid choice, display a message asking them to try again.