START

DISPLAY all contacts from phonebook

WHILE (true) DO

    DISPLAY "If you want to search for a contact?"

    INPUT userChoice

    IF userChoice == True THEN

        DISPLAY "Enter full name"

        INPUT name

        DISPLAY contact information for the name

    ELSE

        DISPLAY "If you want to add a contact?"

        INPUT userChoice

        IF userChoice == True THEN

            DISPLAY "Enter full name and phone number"

            INPUT name

            INPUT number

            ADD name and number to phonebook

        ELSE

            DISPLAY "If you want to update a contact?"

            INPUT userChoice

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    IF userChoice == True THEN

        DISPLAY "Select contact"

        INPUT selectedContact

        DISPLAY "Enter new name and number"

        INPUT newName

        INPUT newNumber

        UPDATE name and number in phonebook


    ELSE

        DISPLAY "If you want to delete a contact?"

        INPUT userChoice


        IF userChoice == True THEN

            DISPLAY "Select contact"

            INPUT selectedContact

            REMOVE selectedContact from phonebook

        END IF

    END IF

  END IF

END IF


DISPLAY "If you want to display all contacts?"

INPUT userChoice

IF userChoice == True THEN

    DISPLAY all contacts from phonebook
```

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        ELSE
            BREAK
        END IF
    END WHILE


STOP
```