


```
    echo "Record deleted."  
}
```

```
# e) Modify a record
```

```

modifyRecord()
{
    echo "Enter a search string (e.g. name or email) to find the record to modify:"
    read search
    grep -n "$search" "$FILE"

    echo "Enter line number to modify:"
    read line
    echo "Enter new record (LastName,FirstName,Email,Phone):"
    read newRecord
    sed -i "${line}s/.*/$newRecord/" "$FILE"      #This replaces the entire content of the specified
line with the new record.
    echo "Record modified."
}

# f) Exit the program
exitProgram()
{
    echo "Exiting... Goodbye!"
    exit 0
}

# Menu loop
while true; do
    echo
    echo "===== Address Book Menu ====="
    echo "1. Create Address Book"
    echo "2. View Address Book"
    echo "3. Insert a Record"
    echo "4. Delete a Record"
    echo "5. Modify a Record"
    echo "6. Exit"
    echo "Enter your choice: "
    read choice

    case $choice in
        1) createAddressBook ;;
        2) viewAddressBook ;;
        3) insertRecord ;;
        4) deleteRecord ;;
        5) modifyRecord ;;
        6) exitProgram ;;
        *) echo "Invalid choice. Please select 1-6." ;;
    esac
done

```

```

#details
#touch Create a file
#cat   View file content
#grep -n      Search with line numbers

```

```
#sed  Modify or delete specific lines
#>> Append to a file
#exit 0 Exit script with success
```