|  |
| --- |
| #!/bin/bash |
|  |  |
|  | create() |
|  | { |
|  | if [ -e addressbook.txt ]; #-e is checking exitence of addressbook.txt |
|  | then |
|  | echo -e "ADDRESSBOOK ALREADY EXISTS!! \n" |
|  | else |
|  | touch addressbook.txt #touch creates a new adressbook if not already exiting . |
|  | echo -e "NEW ADDRESSBOOK CREATED SUCCESSFULLY!!!!! \n" |
|  | fi |
|  | } |
|  |  |
|  |  |
|  | insert() |
|  | { |
|  |  |
|  | echo -e "ENTER THE FIRST NAME:- \n" # -e is used to make \n available for use |
|  | read fname |
|  | echo -e "ENTER THE LAST NAME:- \n" |
|  | read lname |
|  | echo -e "ENTER THE EMAIL-ID:- \n" |
|  | read email |
|  | echo -e "ENTER THE MOBILE NUMBER:- \n" |
|  | read mno |
|  | echo -e "ENTER THE ADDRESS:- \n" |
|  | read addr |
|  |  |
|  | echo "$fname $lname $email $mno $addr" >> addressbook.txt |
|  | echo -e "RECORD INSERTION SUCCESSFUL !! \n" |
|  | } |
|  |  |
|  |  |
|  | view() |
|  | { |
|  | if [ ! -s addressbook.txt ]; |
|  | then |
|  | echo -e "THE ADDRESSBOOK IS EMPTY !!! \n" |
|  | else |
|  | sed -n 'p' addressbook.txt |
|  |  |
|  | fi |
|  | } |
|  |  |
|  |  |
|  | delete() |
|  | { |
|  | if [ ! -s addressbook.txt ]; |
|  | then |
|  | echo -e "ADDRESSBOOK EMPTY !!! \n" |
|  | else |
|  | echo -e "ENTER THE FIRST NAME OR EMAIL-ID FOR DELETING RECORD:- \n" |
|  | read fnem |
|  | grep -n "$fnem" addressbook.txt |
|  |  |
|  | echo -e "ENTER THE LINE NUMBER TO DELETE:- \n" |
|  | read lineno |
|  |  |
|  | for line in `grep -n "$fnem" addressbook.txt` |
|  | do |
|  |  |
|  | number=`echo $line|cut -c1` |
|  |  |
|  | if [ "$number" == "$lineno" ]; |
|  | then |
|  | sed -i -e "${lineno}d" addressbook.txt #ratta maro |
|  | echo -e "RECORD DELETION SUCCESSFUL!!!! \n" |
|  | fi |
|  |  |
|  | done |
|  | fi |
|  |  |
|  | } |
|  |  |
|  | modify() |
|  | { |
|  | if [ ! -s addressbook.txt ]; |
|  | then |
|  | echo -e "ADDRESSBOOK EMPTY !!! \n" |
|  | else |
|  | echo -e "ENTER THE NAME(FIRST NAME/LAST NAME) OF THE PERSON TO BE EDITED:- \N" |
|  | read name |
|  | grep -n "$name" addressbook.txt |
|  |  |
|  | echo -e "ENTER THE LINE NUMBER OF THE RECORD TO BE EDITED:- \n" |
|  | read lineno |
|  |  |
|  | for line in `grep -n "$name" addressbook.txt` |
|  | do |
|  | number=`echo "$line"|cut -c1` |
|  | if [ "$number" == "$lineno" ] |
|  | then |
|  | echo -e "ENTER THE MODIFICATION DETAILS:- \n" |
|  | insert |
|  | sed -i -e "${lineno}s/.\*/$insert/" addressbook.txt # ratta maro |
|  | echo -e "MODIFICATION SUCCESSFUL !!! \n" |
|  | fi |
|  |  |
|  | done |
|  | fi |
|  | } |
|  |  |
|  | ch=1; |
|  | while [ $ch -lt 6 ]; # less than |
|  | do |
|  | echo -e "1) CREATE ADDRESSBOOK \n" |
|  | echo -e "2) VIEW ADDRESSBOOK \n" |
|  | echo -e "3) INSERT RECORD IN ADDRESSBOOK \n" |
|  | echo -e "4) DELETE RECORD FROM ADDRESSBOOK \n" |
|  | echo -e "5) MODIFY ADRESSBOOK \n" |
|  | echo -e "6) EXIT" |
|  |  |
|  | read -p "ENTER YOUR CHOICE:-" ch |
|  |  |
|  | case $ch in |
|  | 1)create;; |
|  | 2)view;; |
|  | 3)insert;; |
|  | 4)delete;; |
|  | 5)modify;; |
|  | 6)echo "ADDRESSBOOK EXITED!!" |
|  | esac |
|  |  |
|  | done |