```bash
#!/bin/bash

###############################################################################
#echo -n "argv: "
#echo -n '$#'
#echo "$#"
#echo -n '$1: '
#echo "$1"
#echo -n '$2: '
#echo "$2"
#echo -n '$@: '
#echo "$@"
#get args in one line array argv
#argv=("$@")
#echo -n'input parameters :'
#echo ${argv[0]} ${argv[1]} ${argv[2]} ${argv[3]}


#####################################################get all el arguments bt3ty ###############################
## this script depend on  taking input data in dictionary and save it int file and retive it in file
argv=("$@")
declare -A dict

i=2
helpFunction()
{
    echo -e ""
    echo -e "this script for saving phone number "
    echo -e "insert"
    echo -e "\t -i <Name> <Phone Number>"
    echo -e "search for phonenumber"
    echo -e "\t -s <Name> "
    echo -e "delete all"
    echo -e "\t -e"
    echo -e "delete name from phonebook"
    echo -e "\t -d <Name>"


}
# check if number  without charartes
checkPhoneNumFunc()
{
        phone=${argv[2]}
    if ! [[ $phone =~ ^[0-9]+$ ]]; then
                echo not num
                return 0
        else
                echo its  num
                return 1
        fi

}


readfile()
{
        local name
        while read line
        do
                if [ "${line:0:5}" = 'name:' ]
                then
                        name="${line:5}"
                        dict["$name"]=''
                 elif [ "${line:0:5}" = 'tele:' ]
                then
                        dict["$name"]="${dict[$name]} ${line:5}"
                fi
    done <".phonebookDB.txt"


}


savefile()
{
        echo > ~/.phonebookDB.txt
        for Key in "${!dict[@]}"
        do
                echo "name:$Key">> ~/.phonebookDB.txt
                for value in ${dict[$Key]}
                do
                        echo "tele:$value">> ~/.phonebookDB.txt
                done


        done

}
if [ $# = 0 ]
then
        helpFunction

elif [ ${argv[0]} = '-i' ]
then
    echo -n 'name: '
    echo "${argv[1]}"

    echo -n 'phone : '

    echo "${argv[2]}"
    checkPhoneNumFunc
    if [ $? = 0 ]
    then
            # echo  'batee5'
            exit 1
    else
        readfile
        name="${argv[1]}"
        phone="${argv[2]}"

        dict["$name"]="${dict["$name"]} $phone"
        echo "${name} = ${dict[$name]} "
        savefile
        #dict["$name"]="$name $phone
        #dict=( ["name"]="${argv[1]}" "${argv[2]}" )
        #dict="${dict[@]}}"
        #echo "${dict[@]}">>.phonebookDB.txt
    #   echo "">.phonebookDB.txt
    fi
elif [ ${argv[0]} = '-v'  ]
then
    helpFunction
elif [ ${argv[0]} = '-s' ]
then
        readfile
        name="${argv[1]}"
        #echo $k
    for value in ${dict[$name]}
    do
    echo "tele:$value"
    done

elif [ ${argv[0]} = '-e' ]
then
        echo >~/.phonebookDB.txt
elif [  ${argv[0]} = '-d' ]
then
        name="${argv[1]}"
        readfile
        #echo "$name ${dict[$name]}"
        unset "dict[$name]"
        savefile
else
    echo 'lol'
fi
```