**Assignment No 2**

**Aim: Creating a Address Book using a Shell Script**

**Objective:** Creating multiple shell scripts for adding,deleting,searching and listing the contents of the Address Book file.

**CODE:**

**add.sh :**

#Accepting the detailes

echo Enter the name

read name

echo Enter the phone no.

read phone

echo Enter the city

read city

#Putting the data in data.txt

echo $name : $phone : $city >> data.txt

exit

**delete.sh:**

#Accepting name to be deleted

echo Enter the name

read name

#grep -v prints all the other content than given patter

grep -v $name data.txt > data1.txt

#storing it in different file and renaming it

rm -f data.txt

mv data1.txt data.txt

rm -f data1.txt

exit

**search.sh:**

#Accepting the name to be searched

echo Enter the name

read name

#grep prints the line containing that word

grep $name data.txt

exit

**list.sh:**

# cat prints the content of the file

cat data.txt

exit

**main.sh:**

echo Welcome

while :

do

# Choices available

    echo 1.Add to Address book

    echo 2.Delete from Address book

    echo 3.List all entries

    echo 4. Search Address Book

    echo 5./exited

    read choice

# Comparing choices and doing action on it

    if [ $choice -eq 1 ]

    then

        ./add.sh # For adding into data.txt

    fi

    if [ $choice -eq 2 ]

    then

        ./delete.sh # For deleting from data.txt

    fi

    if [ $choice -eq 3 ]

    then

        ./list.sh # For listing all the entries

    fi

    if [ $choice -eq 4 ]

    then

        ./search.sh # For searching in data.txt

    fi

    if [ $choice -eq 5 ]

    then

        exit 0

    else

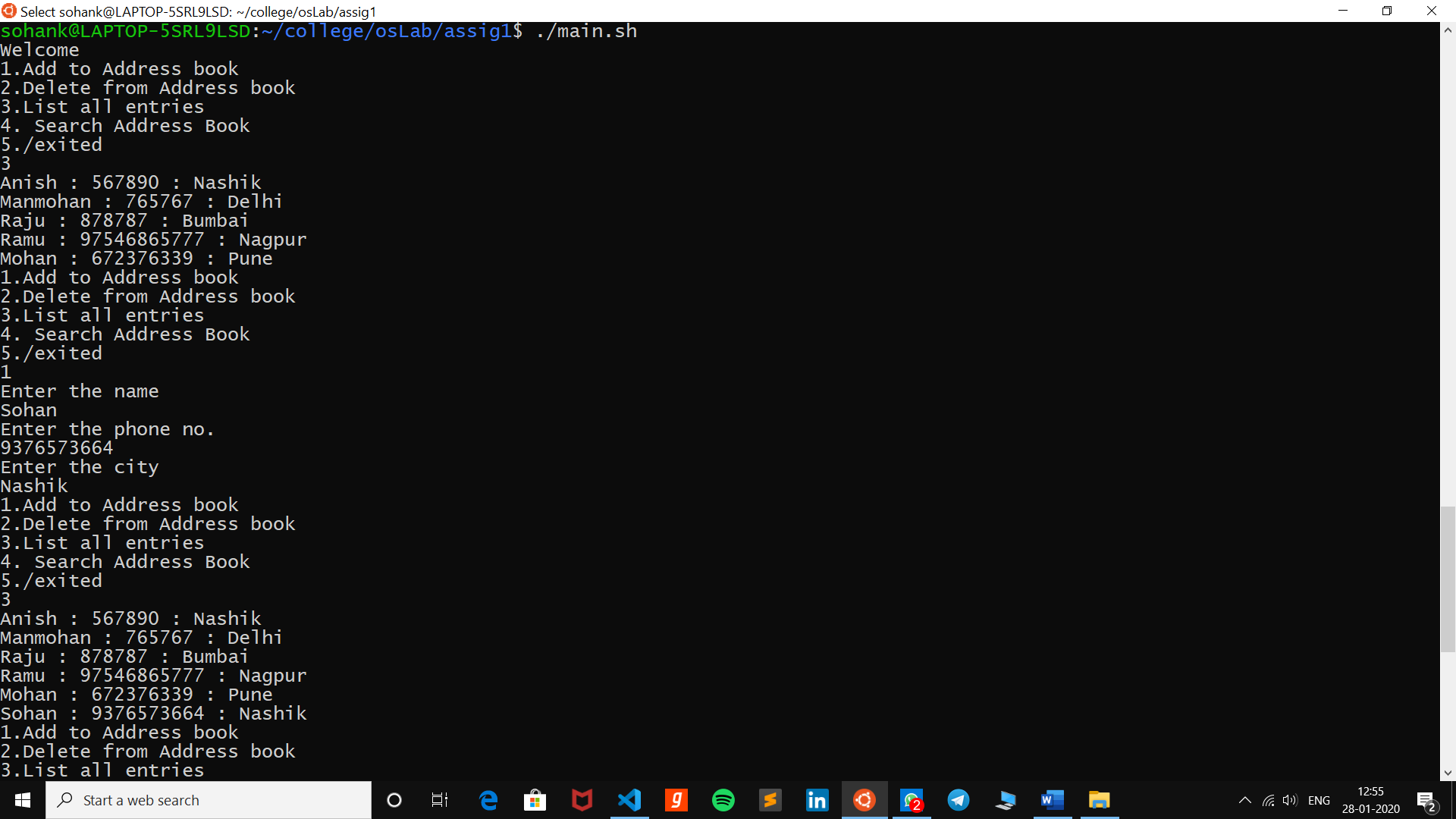
        exit 0

    fi

done

P.T.O.

**OUTPUT:**

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