**OS ASSIGNMENT 1b**

**Name:Mansi Mokashi**

**Rollno:87**

**TE IT**

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opt=1

while [ "$opt"

-lt 6 ]

do

echo -e "Choose one of the Following\n1. Create a New Address

Book\n2. View Records\n3. Insert new Record\n4. Delete a Record\n5.

Modify a Record\n6. Exit" # echo -e, enables special features of echo to use \n \t \b etc. read opt case $opt in

1) echo "Enter filename" read fileName if [ -e $fileName ] ; then# -e to check if file exists, if

exits remove the file

rm $fileName fi cont=1 echo

"NAME\tNUMBER\t\tADDRESS\n===============================\n" | cat >>

$fileName

while [ "$cont" -gt 0 ] do echo "\nEnter Name" read name echo "Enter Phone Number of $name"

read number echo "Enter Address of $name" read address echo "$name\t$number\t\t$address" | cat >> $fileName echo "Enter 0 to Stop, 1 to Enter next" read cont done ;;

1. cat $fileName ;;
2. echo "\nEnter Name" read name echo "Enter Phone Number of $name" read number echo "Enter Address of $name" read address echo "$name\t$number\t\t$address" | cat >> $fileName ;;
3. echo "Delete record\nEnter Name/Phone Number" read pattern temp="temp" grep -v $pattern $fileName | cat >> $temp rm $fileName cat $temp | cat >> $fileName rm $temp ;;

5)

echo "Modify record\nEnter Name/Phone Number" read pattern temp="temp" grep -v $pattern $fileName | cat >> $temp rm $fileName cat $temp | cat >> $fileName rm $temp echo "Enter Name" read name echo "Enter Phone Number of $name" read number echo "Enter Address of $name" read address echo -e "$name\t$number\t$address" | cat >> $fileName ;; esac

Done

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**Choose one of the Following**

1. **Create a New Address Book**
2. **View Records**
3. **Insert new Record**
4. **Delete a Record**
5. **Modify a Record**
6. **Exit**

**1**

**Enter filename csg**

**\nEnter Name**

**Mansi**

**Enter Phone Number of Mansi**

**86789309365**

**Enter Address of Mansi**

**Enter 0 to Stop, 1 to Enter next**

**main.bash: line 25: [: : integer expression expected**

**Choose one of the Following**

1. **Create a New Address Book**
2. **View Records**
3. **Insert new Record**
4. **Delete a Record**
5. **Modify a Record**
6. **Exit**

**2**

**NAME\tNUMBER\t\tADDRESS\n===============================\n**

**Mansi\t866567890\t\t**

**Choose one of the Following**

1. **Create a New Address Book**
2. **View Records**
3. **Insert new Record**
4. **Delete a Record**
5. **Modify a Record**
6. **Exit**

**3**

**\nEnter Name**

**Jay**

**Enter Phone Number of Jay**

**7620447555**

**Enter Address of Jay**

**Pune**

**Choose one of the Following**

1. **Create a New Address Book**
2. **View Records**
3. **Insert new Record**
4. **Delete a Record**
5. **Modify a Record**
6. **Exit**

**5**

**Modify record\nEnter Name/Phone Number**

**Jay**

**Enter Name**

**Jay**

**Enter Phone Number of Jay**

**7620334555**

**Enter Address of Jay**

**Beed**

**Choose one of the Following**

1. **Create a New Address Book**
2. **View Records**
3. **Insert new Record**
4. **Delete a Record**
5. **Modify a Record**
6. **Exit**

**6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**File csg**

**NAME\tNUMBER\t\tADDRESS\n===============================\n**

**Mansi\t8664567890\t\t**

**Jay 7620334555 Beed**