

## Exercise

```
fwa=open("C:\\Users\\User\\Documents\\Python Files\\CH3\\Files\\listex.txt","a")
while True:
    print('''
=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====''')
    ch=int(input(" Select Your choice:"))

    if ch==1:
        stud_list=[]
        select="yes"
        while(select=="yes"):
            name=input("Enter the Name:")
            dept=input("Enter the Department:")
            grade=input("Enter your CGPA:")
            stud_list.append(name)
            stud_list.append("\t")
            stud_list.append(dept)
            stud_list.append("\t\t")
            stud_list.append(grade)
            stud_list.append("\n")
            select=input("Do you want to continue: Enter Yes:")
            select=select.lower()
        for data in stud_list:
            fwa.write(data)
        fwa.close()

    elif ch==2:
        fr=open("C:\\Users\\User\\Documents\\PythonFiles\\CH3\\Files\\listex.txt","r")
        print(fr.read())
        fr.close()

    elif ch==3:
        inp=input("Enter the name for deletion:")
        stud=[]
        studd=[]

        frd=open('C:\\Users\\User\\Documents\\PythonFiles\\CH3\\Files\\listex.txt','r')
        for line in frd:
            if line.startswith(inp):
                studd.append(line)
                del studd[0]
            else:
                stud.append(line)
```

```

frd=open('C:\\Users\\User\\Documents\\PythonFiles\\CH3\\Files\\listex.txt','w')
    frd.writelines(stud)
    frd.close()
elif ch==4:
    quit()
else:
    print("Invalid Option Selection,please select the correct alternative")

```

### Sample Output1:

```

=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====
Select Your choice:7
Invalid Option Selection,please select the correct alternative

```

```

=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====
Select Your choice:1
Enter the Name:Abebe
Enter the Department:IS
Enter your CGPA:3.6
Do you want to continue: Enter Yes:YES
Enter the Name:yilma
Enter the Department:CS
Enter your CGPA:3.4
Do you want to continue: Enter Yes:No

```

```

=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====
Select Your choice:2
Abebe    IS          3.6
yilma    CS          3.4

```

```
=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====
Select Your choice:3
Enter the name for deletion:yilma
```

```
=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====
Select Your choice:2
Abebe   IS           3.6
```

```
=====MAIN MENU=====
= 1: To Write on a file      =
= 2: To Read from the File   =
= 3: For Deleting Record from File =
= 4: To Exit the Program     =
=====
```