In [ ]:

```python
import os
z=1
while True:
    print("\n 1.ADD RECORD")
    print("\n 2.DISPLAY ALL RECORD")
    print("\n 3.SEARCH STUDENT RECORD BY NAME")
    print("\n 4.SEARCH STUDENT RECORD BY ROLLNO")
    print("\n 5.DELETE STUDENT RECORD")
    print("\n 6.EXIT")
    n=int(input("ENTER YOUR CHOICE : "))
    if n==6:
        break


    elif n==1:
        print("ENTER STUDENT DETAILS")
        r=input("ENTER ROLL NO : ")
        n=input("ENTER NAME : ")
        c=input("ENTER CLASS : ")
        fees=input("ENTER FEES : ")
        f=open("student.txt","a")
        f.write(n+"-"+r+"-"+c+"-"+fees+"\n")
        f.close()


    elif n==2:
        print("\n\nLIST OF ALL PRESENT RECORDS\n\n")
        print("NAME-ROLLNO-CLASS-FEES")
        f=open("student.txt","r")
        while True:
            d=f.readline()
            l=len(d)
            if l==0:
                break
            print(d.strip())
        f.close()
```

```python
        elif n==3:
            search=input("ENTER STUDENT NAME : ")
            f=open("student.txt","r")
            flag=0
            while True:
                t=f.readline()
                l=len(t)
                if l==0:
                    break
                g=t.split("-")
                if (g[0]==search):
                    print("\nRECORD FOUND")
                    print("Name :",g[0])
                    print("RollNo :",g[1])
                    print("Class :",g[2])
                    print("Fees :",g[3])
                    flag=1
                    break
            if flag==0:
                print("RECORD NOT FOUND")
            f.close()


        elif n==4:
            search=input("ENTER STUDENT ROLL NO : ")
            f=open("student.txt","r")
            flag=0
            while True:
                t=f.readline()
                l=len(t)
                if l==0:
                    break
                g=t.split("-")
                if (g[1]==search):
                    print("\nRECORD FOUND")
                    print("Name :",g[0])
                    print("RollNo :",g[1])
                    print("Class :",g[2])
                    print("Fees :",g[3])
```

```python
                flag=1
                break
        if flag==0:
            print("RECORD NOT FOUND")
        f.close()



    elif n==5:
        search=input("ENTER STUDENT NAME :")
        f=open("student.txt","r")
        tt=open("temp.txt","w")
        h=0
        flag=0
        while True:
            t=f.readline()
            l=len(t)
            if l==0:
                break
            g=t.split("-")
            if(g[0]!=search):
                tt.write(t)
            if(g[0]==search):
                h=1
        f.close()
        tt.close()
        if h==1:
            print("RECORD DELETED SUCCESSFULLY")
            os.remove("student.txt")
            os.rename("temp.txt","student.txt")
        elif h==0:
            print("RECORD NOT FOUND!! DELETION UNSUCCESSFUL")
```

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In [ ]:
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