```
Which Operation do you want to perform :
               1)Insert Record
               2)Modify Record
               3)Search Record
               4)Delete Record
               5)Display File
CHOICE : 1
-----DATA ENTRY-----
NAME : Shubham
R0LL N0 : 3
DEPARTMENT : IT
YEAR OF STUDY : 3
CGPA: 9.6
-----END-----
INSERT SUCCESSFULL
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
               1)Insert Record
               2)Modify Record
               3)Search Record
               4)Delete Record
               5)Display File
CHOICE : 5
NAME
         ROLL-NO DEPARTMENT
                              YEAR
                                     CGPA CHAIN
NONE
                  NONE
                                     - 1
         - 1
                              - 1
                                           - 1
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
                                           -1
Shubham
         3
                              3
                                     9.6
                  IT
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
                  NONE
NONE
         - 1
                              - 1
                                     - 1
                                           - 1
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
NONE
         - 1
                  NONE
                              - 1
                                     - 1
                                           - 1
                  NONE
NONE
         - 1
                              - 1
                                     - 1
                                           - 1
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
               1) Insert Record
               2)Modify Record
               3)Search Record
               4)Delete Record
               5)Display File
CHOICE : 1
-----DATA ENTRY-----
NAME : Athang
ROLL NO: 14
DEPARTMENT : CS
YEAR OF STUDY: 3
CGPA: 9.4
-----END------
INSERT SUCCESSFULL
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
```

```
1)Insert Record
                2)Modify Record
                3) Search Record
                4)Delete Record
                5)Display File
CHOICE: 5
NAME
          ROLL-NO DEPARTMENT
                                 YEAR
                                        CGPA CHAIN
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                               - 1
NONE
                   NONE
                                        - 1
          - 1
                                 - 1
                                               - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              -1
Shubham
          3
                   ΙT
                                 3
                                        9.6
                                               4
Athang
          14
                   CS
                                 3
                                        9.4
                                               -1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
NONE
          - 1
                   NONE
                                 -1
                                        - 1
                                              - 1
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
                1)Insert Record
                2)Modify Record
                3) Search Record
                4)Delete Record
                5)Display File
CHOICE : 1
-----DATA ENTRY-----
NAME : Vishwesh
ROLL NO: 25
DEPARTMENT : IT
YEAR OF STUDY: 1
CGPA: 9.9
-----END------
INSERT SUCCESSFULL
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
                1)Insert Record
                2)Modify Record
                3)Search Record
                4)Delete Record
                5)Display File
CHOICE : 5
NAME
          ROLL-NO DEPARTMENT
                                 YEAR
                                        CGPA CHAIN
NONE
                   NONE
          - 1
                                 - 1
                                        - 1
                                               -1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                               - 1
                   NONE
NONE
          -1
                                 - 1
                                        - 1
                                              -1
Shubham
          3
                   ΙT
                                 3
                                        9.6
                                              4
          14
                                 3
                                        9.4
                                              5
Athang
                   CS
Vishwesh
          25
                    ΙT
                                 1
                                        9.9
                                               -1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              -1
NONE
          -1
                   NONE
                                 - 1
                                              -1
                                        - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                               -1
NONE
          - 1
                   NONE
                                 - 1
                                        - 1
                                              - 1
```

Do you want to continue [Y-1/N-0] : 1

```
Which Operation do you want to perform :
                 1)Insert Record
                 2)Modify Record
                 3)Search Record
                 4)Delete Record
                 5)Display File
CHOICE: 3
Roll-No: 34
ERROR :: RECORD NOT FOUND
RECORD:
NAME : NONE
ROLL-NO : -1
DEPARTMENT: NONE
YEAR : -1
CGPA : -1
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
                 1)Insert Record
                 2)Modify Record
                 3)Search Record
                 4)Delete Record
                 5)Display File
CHOICE: 4
Roll-No: 14
DELETE OPERATION SUCCESSFUL
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
                 1)Insert Record
                 2)Modify Record
                 3) Search Record
                 4)Delete Record
                 5)Display File
CHOICE : 5
                                         CGPA
NAME
          ROLL-NO
                    DEPARTMENT
                                  YEAR
                                               CHAIN
NONE
                    NONE
                                         - 1
          - 1
                                  - 1
                                               - 1
NONE
                    NONE
           - 1
                                  - 1
                                         - 1
                                               -1
NONE
           - 1
                    NONE
                                  - 1
                                         - 1
                                               - 1
Shubham
          3
                    ΙT
                                  3
                                         9.6
                                               5
                    NONE
NONE
           - 1
                                  - 1
                                               - 1
                                         - 1
Vishwesh
                                         9.9
                                               -1
          25
                    IT
                                  1
NONE
           - 1
                    NONE
                                  - 1
                                         - 1
                                               - 1
NONE
                    NONE
           - 1
                                  - 1
                                         - 1
                                               - 1
                                         -1
NONE
          -1
                    NONE
                                  - 1
                                               - 1
NONE
                    NONE
                                  -1
                                         -1
           -1
                                               - 1
NONE
          - 1
                    NONE
                                  -1
                                         - 1
                                               - 1
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
                 1)Insert Record
                 2)Modify Record
                 3) Search Record
                 4)Delete Record
                 5)Display File
CHOICE: 2
Roll-No : 3
```

```
Which Entry do you want to update :
                 1)Name
                 2)Department
                 3)Year
                 4)CGPA
Chocie : 1
ORIGINAL NAME : Shubham
UPDATED NAME : Rahul
Do you want to continue updating entries [Y-1/N-0]:1
Which Entry do you want to update :
                 1)Name
                 2)Department
                 3)Year
                 4)CGPA
Chocie : 2
ORIGINAL DEPARTMENT : IT
UPDATED DEPARTMENT : CS
Do you want to continue updating entries [Y-1/N-0] : 0
MODIFY SUCCESSFULL
Do you want to continue [Y-1/N-0] : 1
Which Operation do you want to perform :
                 1)Insert Record
                 2)Modify Record
                 3)Search Record
                 4)Delete Record
                 5)Display File
CHOICE : 5
NAME
          ROLL-NO
                    DEPARTMENT
                                   YEAR
                                          CGPA
                                                CHAIN
NONE
           - 1
                    NONE
                                   - 1
                                          - 1
                                                 - 1
                    NONE
NONE
           - 1
                                   - 1
                                          - 1
                                                 - 1
NONE
                    NONE
           - 1
                                   - 1
                                          - 1
                                                 - 1
                                          9.6
Rahul
           3
                    CS
                                   3
                                                 5
NONE
           - 1
                    NONE
                                   - 1
                                          - 1
                                                 - 1
          25
                                          9.9
Vishwesh
                                   1
                    ΙT
                                                 - 1
NONE
           - 1
                    NONE
                                   - 1
                                          - 1
                                                 - 1
NONE
           - 1
                    NONE
                                   - 1
                                          - 1
                                                 - 1
NONE
           - 1
                    NONE
                                   - 1
                                          - 1
                                                 - 1
                    NONE
NONE
           - 1
                                   -1
                                          - 1
                                                 - 1
NONE
           - 1
                    NONE
                                   - 1
                                          -1
                                                 -1
```

Do you want to continue [Y-1/N-0] : 0