|  |
| --- |
| ADDRESS |
| int house;  int street;  char city[6]; |
| void setAdd(fstream &fin);  int rHouse();  int rStreet();  char\* rCity(); |

|  |
| --- |
| PERSON |
| char name[20];  char CNIC[20];  char contact[20];  Address A; |
| void setName(fstream &fin);  void setCNIC(fstream &fin);  void setContact(fstream &fin);  void setAdd(fstream &fin);  char\* getName();  char\* getCNIC();  char\* getContact();  int getHouse();  int getStreet();  char\* getCity(); |

|  |
| --- |
| FACULTY |
| int EmpID;  char Des[12];  char JoinD[12];  char code[2][6]; |
| void setFacultyInfo(fstream &fin, fstream &in);  int getEmpID();  char\* getDesig();  char\* getJoinD();  char\* getFacultyCourses(int i);  void DisplayFaculty();  void setFacultyCourses(char\*,int i); |

|  |
| --- |
| STUDENT |
| int rollNo;  float CGPA;  char prog[3];  char code[4][6]; |
| void setStudentInfo(fstream &fin, fstream &in);  void setStudentCourse(char\*,int);  int getRollNo();  float getCPGA();  char\* getprog();  void DisplayStudent();  char\* getStudentCourses(int i); |

|  |
| --- |
| COURSES |
| char title[40];  char code[6];  int CrHrs;  char Stream[15];  int room; |
| void setCourseInfo(fstream &fin);  void setRoom(int);  char\* getTitle();  char\* getCode();  int getCrHrs();  char\* getStream();  int getRoom(); |

|  |
| --- |
| CLASSROOMS |
| int roomNo;  char Floor;  int Capacity; |
| void setRoomInfo(fstream &fin);  int getRoomNo();  char getFloor();  int getCapacity();  void DisplayRoomInfo(); |