INDIAN SCHOOL DARSAIT
DEPARTMENT OF ICT

Subject: Computer Science **Topic**: Binary Files **Lab Worksheet**: 5

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1. Write a menu driven program to perform the following operations in a binary file **"library.dat".**
    1. Add Record
    2. Search Record and Display (Based on Book id)
    3. Modify Record
    4. Delete Record
    5. Display all Records
    6. Exit

    Consider the following class Library

```
class Library
{int bookid;
  char bname[20];
  char author[20];
  int quantity;
  float price;
public:
  void Addnew( );
  void Display( );
  int retbookid( ) { return bookid}
  };
```

2. Write a menu driven program to perform the following operations in a binary file **"stock.dat".**
    1. Add Record
    2. Search Record and Display(Based on Item id)
    3. Modify Record
    4. Delete Record
    5. Display all Records
    6. Display those Records whose price is greater than 200
    7. Exit

    Consider the following class Stock

```
class stock{
int itemid;
char name[20];
char dept[20];
int quantity;
float price;
public:
void Addnew( );
void Display( );
int retitemid( ){ return itemid;}
float retprice() { return price;}
};
```

3. Write a menu driven program to perform the following operations in a binary file "Employee.dat".
    1. Add Record
    2. Search Record and Display(Based on Employee id)
    3. Modify Record
    4. Delete Record
    5. Display all Records
    6. Exit

    Consider the following class Employee

```
class employee
{
int empid;  char ename[20];  char dept[20];  float salary;
public:
void Addnew( );
void Display( );
int retempid( ){ return empid;}
};
```

4. Write a menu driven program to perform the following operations in a binary file "Flight.dat".
    1. Add Record
    2. Search Record and Display(Based on Flight no)
    3. Modify Record
    4. Delete Record
    5. Display all Records
    6. Display all Records whose fare is between 200 and 500
    7. Exit

    Consider the following class Flight

```
class Flight
{
int flightno;
char fname[20];
char destination[20];
float fare;
public:
void Addnew( );
void Display( );
int retflightno( ){ return flightno;}
float retfare() { return fare;}
};
```