#pragma once

#include <iostream>

#include <string>

#include<iomanip>

#include<fstream>

using namespace std;

class Vehicle

{

int stoarge\_number;

string colour;

float power;

string company;

int model;

long int price;

string model\_name;

public:

Vehicle()

{

stoarge\_number = 0;

colour = " ";

power = 0;

company = " ";

model = 0;

price = 0;

model\_name = " ";

}

virtual void set()

{

cout << left << setw(50) << "Enter the manufacturing company of vehicle"<<":";

cin >> company;

cout << left << setw(50) <<"Enter the Model Name of vehicle" << ":";

cin >> model\_name;

cout << left << setw(50) << "Enter the colour of vehicle" << ":";

cin >> colour;

cout << left << setw(50) << "Enter the Engine size of vehicle in cc" << ":";

cin >> power;

while (power < 50 )

{

cout << left << setw(50) << "Power of Vehicle Impossible" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> power;

}

cout << left << setw(50) << "Enter the model year of vehicle" << ":";

cin >> model;

while (model < 1990)

{

cout << left << setw(50) << "Exsistance of Vehicle Impossible"<<endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> model;

}

cout << left << setw(50) << "Enter the Price of vehicle in PKR" << ":";

cin >> price;

while (price < 10000)

{

cout << left << setw(50) << "Price of Vehicle Impossible" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> price;

}

stoarge\_number=storage\_sender();

}

int storage\_sender()

{

int b;

int a=0;

int c;

ifstream file;

file.open("number.txt");

file >> b >> a >> c;

file.close();

a=a+1;

ofstream file2;

file2.open("number.txt");

file2 << b << " " << a << " " << c;

file2.close();

return a;

}

virtual void abstraction() = 0;

virtual int get\_storage\_num()

{

return stoarge\_number;

}

virtual string get\_colour()

{

return colour;

}

virtual float get\_power()

{

return power;

}

virtual string get\_company()

{

return company;

}

virtual int get\_model()

{

return model;

}

virtual int get\_price()

{

return price;

}

virtual string get\_model\_name()

{

return model\_name;

}

~Vehicle()

{

}

};

#pragma once

#include "Vehicle.h"

class Car :public Vehicle

{

int fourwheel;

public:

virtual void set()

{

Vehicle::set();

cout << "The car is four wheel drive?"<<endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No" << ":";

cin >> fourwheel;

while (fourwheel < 0 || fourwheel > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> fourwheel;

}

}

virtual void abstraction()

{

}

virtual bool get\_fourwheel()

{

return fourwheel;

}

virtual int get\_storage\_num()

{

return 0;

}

virtual string get\_colour()

{

return "hello";

}

virtual float get\_power()

{

return 0.0;

}

virtual string get\_company()

{

return "hello";

}

virtual int get\_model()

{

return 0;

}

virtual int get\_price()

{

return 0;

}

virtual string get\_model\_name()

{

return "hello";

}

/\* virtual bool get\_automtic()

{

return 1;

}\*/

virtual bool get\_local\_made()

{

return 0;

}

virtual bool get\_trunk()

{

return 0;

}

virtual bool get\_roof()

{

return 1;

}

virtual bool get\_extrasuspension()

{

return 1;

}

/\*virtual bool get\_petrol()

{

return 0;

}\*/

/\*virtual int get\_seats()

{

return 0;

}\*/

virtual bool get\_automatic()

{

return 1;

}

/\*virtual bool get\_local\_made()

{

return 1;

}\*/

virtual bool get\_petrol()

{

return 1;

}

virtual int get\_seats()

{

return 0;

}

/\*virtual bool get\_automatic()

{

return 1;

}\*/

virtual bool get\_electric()

{

return 1;

}

~Car()

{

//Destructor

}

};

class hashback :public Car

{

int automatic;

int local\_made;

int trunk;

public:

virtual void set()

{

Car::set();

cout << "The Hatch Back is automatic transmission?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No" << ":";

cin >> automatic;

while (automatic < 0 || automatic > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> automatic;

}

cout << "The hatch back is locally made?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No" << ":";

cin >> local\_made;

while (local\_made < 0 || local\_made > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> local\_made;

}

cout << "The hatch back has trunk?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No" << ":";

cin >> trunk;

while (trunk < 0 || trunk > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> trunk;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual bool get\_fourwheel()

{

return Car::get\_fourwheel();

}

virtual bool get\_automtic()

{

return automatic;

}

virtual bool get\_local\_made()

{

return local\_made;

}

virtual bool get\_trunk()

{

return trunk;

}

};

class jeep :public Car

{

int roof;

int extrasuspension;

int petrol;

public:

virtual void set()

{

Car::set();

cout << "The jeep has roof?" << endl;

cout << left << setw(50) << "Enter 1 for Yes , 0 or No" << ":";

cin >> roof;

while (roof < 0 || roof > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> roof;

}

cout << "The jeep has extra suspension?" << endl;

cout << left << setw(50) << "Enter 1 for Yes , 0 or No" << ":";

cin >> extrasuspension;

while (extrasuspension < 0 || extrasuspension > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> extrasuspension;

}

cout << "The Jeep has petrol type engine?" << endl;

cout << left << setw(50) << "Enter 1 for Petrol ,0 for Diesel" << ":";

cin >> petrol;

while (petrol < 0 || petrol > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> petrol;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual bool get\_fourwheel()

{

return Car::get\_fourwheel();

}

virtual bool get\_roof()

{

return roof;

}

virtual bool get\_extrasuspension()

{

return extrasuspension;

}

virtual bool get\_petrol()

{

return petrol;

}

};

class Sedan :public Car

{

int seat\_number;

bool automatic;

bool local\_made;

bool petrol;

public:

virtual void set()

{

Car::set();

cout << left << setw(50) << "Enter Number of seats in Sedan" << ":";

cin >> seat\_number;

while (seat\_number < 2)

{

cout << left << setw(50) << "Seats of Sedan Impossible (<2)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> seat\_number;

}

cout << "The sedan is automatic transmission?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No" << ":";

cin >> automatic;

while (automatic < 0 || automatic > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> automatic;

}

cout << "The sedan is locally manufactured?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No" << ":";

cin >> local\_made;

while (local\_made < 0 || local\_made > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> local\_made;

}

cout << "The sedan has petrol type engine?" << endl;

cout << left << setw(50) << "Enter 1 for Petrol ,0 for Diesel" << ":";

cin >> petrol;

while (petrol < 0 || petrol > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> petrol;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual bool get\_fourwheel()

{

return Car::get\_fourwheel();

}

virtual int get\_seats()

{

return seat\_number;

}

virtual bool get\_automatic()

{

return automatic;

}

virtual bool get\_local\_made()

{

return local\_made;

}

virtual bool get\_petrol()

{

return petrol;

}

~Sedan()

{

//Destructor

}

};

class SUV :public Car

{

int seats;

bool automatic;

bool electric;

public:

virtual void set()

{

Car::set();

cout << left << setw(50) << "Enter Number of seats in SUV" << ":";

cin >> seats;

while (seats < 4)

{

cout << left << setw(50) << "Seats of SUV Impossible (<4)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> seats;

}

cout << "The SUV is automatic transmission?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No"<<":";

cin >> automatic;

while (automatic < 0 || automatic > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> automatic;

}

cout << "The SUV is Electrically powered?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No"<<":";

cin >> electric;

while (electric < 0 || electric > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> electric;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual bool get\_fourwheel()

{

return Car::get\_fourwheel();

}

virtual int get\_seats()

{

return seats;

}

virtual bool get\_automatic()

{

return automatic;

}

virtual bool get\_electric()

{

return electric;

}

};

#pragma once

#include"Vehicle.h"

class bike :public Vehicle

{

int gears;

int self\_start;

public:

bike()

{

gears = 0;

self\_start=0;

}

virtual void set()

{

Vehicle::set();

cout << left << setw(50) << "Enter the gears of bike"<<":";

cin >> gears;

while (gears < 4 || gears >6)

{

cout << left << setw(50) << "Gears of bike Impossible (<4 || >6)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> gears;

}

cout << "The bike is self start?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for No"<<":";

cin >> self\_start;

while (self\_start < 0 || self\_start > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> self\_start;

}

}

virtual void abstraction()

{

}

virtual int get\_gears()

{

return gears;

}

virtual bool get\_self\_start()

{

return self\_start;

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

};

#pragma once

#include"Vehicle.h"

class van :public Vehicle

{

int seats;

int petrol;

public:

virtual void set()

{

Vehicle::set();

cout << left << setw(50) << "Enter number seats in van"<<":";

cin >> seats;

while (seats < 6)

{

cout << left << setw(50) << "Seats of van Impossible (<6)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> seats;

}

cout << "The Van has petrol type engine?" << endl;

cout << left << setw(50) << "Enter 1 for Petrol ,0 for Diesel"<<":";

cin >> petrol;

while (petrol < 0 || petrol > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> petrol;

}

}

virtual void abstraction()

{

}

virtual int get\_storage\_num()

{

return 0;

}

virtual string get\_colour()

{

return "hello";

}

virtual float get\_power()

{

return 0.0;

}

virtual string get\_company()

{

return "hello";

}

virtual int get\_model()

{

return 0;

}

virtual int get\_price()

{

return 0;

}

virtual string get\_model\_name()

{

return "hello";

}

virtual int get\_seats()

{

return seats;

}

virtual bool get\_petrol()

{

return petrol;

}

virtual bool get\_local\_made()

{

return 1;

}

virtual bool get\_broadrims()

{

return 1;

}

};

class Wagon :public van

{

int local\_made;

public:

virtual void set()

{

van::set();

cout << "The wagon is locally made?" << endl;

cout << left << setw(50) << "Enter 1 for Yes ,0 for NO"<<":";

cin >> local\_made;

while (local\_made < 0 || local\_made > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> local\_made;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual int get\_seats()

{

return van::get\_seats();

}

virtual bool get\_petrol()

{

return van::get\_petrol();

}

virtual bool get\_local\_made()

{

return local\_made;

}

};

class HIACE :public van

{

int broadrims;

public:

virtual void set()

{

van::set();

cout << "The HIACE has broad rims?" << endl;

cout << left << setw(50) << "Enter 1 for Yes, 0 for No"<<":";

cin >> broadrims;

while (broadrims < 0 || broadrims > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> broadrims;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual int get\_seats()

{

return van::get\_seats();

}

virtual bool get\_petrol()

{

return van::get\_petrol();

}

virtual bool get\_broadrims()

{

return broadrims;

}

};

#pragma once

#include"Vehicle.h"

class truck :public Vehicle

{

int petrol;

int loading\_capacity;

public:

truck()

{

petrol = false;

}

virtual void abstraction()

{

}

virtual void set()

{

Vehicle::set();

cout << "The Jeep has petrol type engine?" << endl;

cout << left << setw(50) << "Enter 1 for Petrol ,0 for Diesel" << ":";

cin >> petrol;

while (petrol < 0 || petrol > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :" ;

cin >> petrol;

}

cout << left << setw(50) << "Enter the loading capacity of truck in kgs"<<":";

cin >> loading\_capacity;

while (loading\_capacity < 1000)

{

cout << left << setw(50) << "Load Capacity of Truck Impossible (<1000 kg)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> loading\_capacity;

}

}

virtual int get\_loading\_capacity()

{

return loading\_capacity;

}

virtual int get\_storage\_num()

{

return 0;

}

virtual string get\_colour()

{

return "hello";

}

virtual float get\_power()

{

return 0.0;

}

virtual string get\_company()

{

return "hello";

}

virtual int get\_model()

{

return 0;

}

virtual int get\_price()

{

return 0;

}

virtual string get\_model\_name()

{

return "hello";

}

virtual bool get\_roofs()

{

return 1;

}

virtual int get\_tyres()

{

return 0;

}

//virtual int get\_tyres()

//{

// return 0;

//}

};

class Pickup :public truck

{

int roof;

int tyres;

public:

virtual void set()

{

truck::set();

cout << "The Pickup has roof?" << endl;

cout << left << setw(50) << "Enter 1 for Yes, 0 for No"<<":";

cin >> roof;

while (roof < 0 || roof > 1)

{

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> roof;

}

cout << left << setw(50) << "Enter number of tyres of Pick up"<<":";

cin >> tyres;

while (tyres < 4)

{

cout << left << setw(50) << "Tyres of Pickup Impossible (<4)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> tyres;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual int get\_loading\_capacity()

{

return truck::get\_loading\_capacity();

}

virtual bool get\_roofs()

{

return roof;

}

virtual int get\_tyres()

{

return tyres;

}

};

class loader :public truck

{

int tyres;

public:

virtual void set()

{

truck::set();

cout << left << setw(50) << "Enter the number of tyres of loader"<<":";

cin >> tyres;

while (tyres < 4)

{

cout << left << setw(50) << "Tyres of Loader Impossible (<4)" << endl;

cout << left << setw(50) << "Wrong input ,Enter Again !!! :";

cin >> tyres;

}

}

virtual int get\_storage\_num()

{

return Vehicle::get\_storage\_num();

}

virtual string get\_colour()

{

return Vehicle::get\_colour();

}

virtual float get\_power()

{

return Vehicle::get\_power();

}

virtual string get\_company()

{

return Vehicle::get\_company();

}

virtual int get\_model()

{

return Vehicle::get\_model();

}

virtual int get\_price()

{

return Vehicle::get\_price();

}

virtual string get\_model\_name()

{

return Vehicle::get\_model\_name();

}

virtual int get\_loading\_capacity()

{

return truck::get\_loading\_capacity();

}

virtual int get\_tyres()

{

return tyres;

}

};

#pragma once

#pragma comment(lib,"winmm.lib")

//#include"Manager.h"

//#include<mmsystem.h>

#include<Windows.h>

#include <iostream>

#include <fstream>

#include <string>

#include "Vehicle.h"

#include"Car.h"

#include"Bike.h"

#include"van.h"

#include"truck.h"

#include<iomanip>

#include<ctime>

using namespace std;

class SHS

{

Car\*\* c;

bike\*\* b;

van\*\* v;

truck\*\* t;

int total;

long long int storage;

public:

void addprice(long int price)

{

storage;

int b;

int a = 0;

ifstream file;

file.open("number.txt");

file >> b >> a >> storage;

if (storage < 0)

{

storage = 0;

}

if (b < 0)

{

b = 0;

}

file.close();

storage = storage + price;

b = b + 1;

ofstream file2;

file2.open("number.txt");

file2 << b << " " << a << " " << storage;

file2.close();

}

void cutprice(long int price)

{

storage ;

int b;

int a = 0;

ifstream file;

file.open("number.txt");

file >> b >> a >> storage;

if (storage < 0)

{

storage = 0;

}

if (b < 0)

{

b = 0;

}

file.close();

storage = storage - price;

b = b - 1;

ofstream file2;

file2.open("number.txt");

file2 << b << " " << a << " " << storage;

file2.close();

}

int return\_count()

{

int b = 0;

int a = 0;

total = 0;

ifstream file;

file.open("number.txt");

file >> total >> a >> b;

file.close();

return total;

}

long long int return\_price()

{

int b = 0;

int a = 0;

storage = 0;

ifstream file;

file.open("number.txt");

file >> b >> a >> storage;

file.close();

return storage;

}

SHS()

{

int a=0;

int b = 0;

ofstream file;

file.open("sedan.txt", ios::app);

file.close();

file.open("Hatch\_back.txt", ios::app);

file.close();

file.open("Jeep.txt", ios::app);

file.close();

file.open("SUV.txt", ios::app);

file.close();

file.open("Bike.txt", ios::app);

file.close();

file.open("Wagon.txt", ios::app);

file.close();

file.open("hiace.txt", ios::app);

file.close();

file.open("Loader.txt", ios::app);

file.close();

file.open("pickup.txt", ios::app);

file.close();

file.open("number.txt", ios::app);

file.close();

}

void sedan1(Car\* p)

{

string r = "Sedan";

int a = p->get\_storage\_num();

string b = p->get\_colour();

float c = p->get\_power();

string e = p->get\_company();

int f = p->get\_model();

long int g = p->get\_price();

string h = p->get\_model\_name();

string i;

if (p->get\_fourwheel())

{

i = "Yes";

}

else

{

i = "No";

}

int j = p->get\_seats();

string k;

if (p->get\_automatic())

{

k = "Automatic";

}

else

{

k = "Manual";

}

string l;

if (p->get\_local\_made())

{

l = "Local-Made";

}

else

{

l = "Impoted";

}

string m;

if (p->get\_petrol())

{

m = "Petrol";

}

else

{

m = "Diesel";

}

ofstream S1;

S1.open("sedan.txt", ios::app);

S1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << setw(13) << m << "\n";

S1.close();

addprice(g);

}

void hashback1(Car \*p)

{

string r="Hatch-back";

int a=p->get\_storage\_num();

string b=p->get\_colour();

float c=p->get\_power();

string e=p->get\_company();

int f=p->get\_model();

long int g=p->get\_price();

string h=p->get\_model\_name();

//bool i=p->get\_fourwheel();

string i;

if (p->get\_fourwheel())

{

i = "Yes";

}

else

{

i = "No";

}

//bool j=p->get\_automatic();

string j;

if (p->get\_automatic())

{

j = "Automatic";

}

else

{

j = "Manual";

}

//bool k=p->get\_local\_made();

string k;

if (p->get\_local\_made())

{

k = "Local-Made";

}

else

{

k = "Impoted";

}

//bool l=p->get\_trunk();

string l;

if (p->get\_trunk())

{

l = "Yes";

}

else

{

l = "No";

}

ofstream S1;

S1.open("Hatch\_back.txt",ios::app);

S1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

/\*S1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\t" << k << "\t" << l << "\n" ;\*/

S1.close();

addprice(g);

}

void jeep1(Car\*p)

{

string r="Jeep";

int a=p->get\_storage\_num();

string b=p->get\_colour();

float c=p->get\_power();

string e=p->get\_company();

int f=p->get\_model();

long int g=p->get\_price();

string h=p->get\_model\_name();

//bool i=p->get\_fourwheel();

string i;

if (p->get\_fourwheel())

{

i = "Yes";

}

else

{

i = "No";

}

//bool j=p->get\_roof();

string j;

if (p->get\_roof())

{

j = "Yes";

}

else

{

j = "No";

}

//bool k=p->get\_extrasuspension();

string k;

if (p->get\_extrasuspension())

{

k = "Yes";

}

else

{

k = "No";

}

//bool l=p->get\_petrol();

string l;

if (p->get\_petrol())

{

l = "Petrol";

}

else

{

l = "Diesel";

}

ofstream S1;

S1.open("Jeep.txt",ios::app);

S1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//S1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\t" << k << "\t" << l << "\n" ;

S1.close();

addprice(g);

}

void SUV1(Car \*p)

{

string r="SUV";

int a=p->get\_storage\_num();

string b=p->get\_colour();

float c=p->get\_power();

string e=p->get\_company();

int f=p->get\_model();

long int g=p->get\_price();

string h=p->get\_model\_name();

//bool i=p->get\_fourwheel();

string i;

if (p->get\_fourwheel())

{

i = "Yes";

}

else

{

i = "No";

}

int j=p->get\_seats();

//bool k=p->get\_automatic();

string k;

if (p->get\_automatic())

{

k = "Automatic";

}

else

{

k = "Manual";

}

//bool l=p->get\_electric();

string l;

if (p->get\_electric())

{

l = "Yes";

}

else

{

l = "No";

}

ofstream S1;

S1.open("SUV.txt",ios::app);

S1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//S1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\t" << k << "\t" << l << "\n" ;

S1.close();

addprice(g);

}

void Bike(bike\* p)

{

int a = p->get\_storage\_num();

string b = p->get\_colour();

float c = p->get\_power();

string e = p->get\_company();

int f = p->get\_model();

long int g = p->get\_price();

string h = p->get\_model\_name();

int i = p->get\_gears();

//bool j = p->get\_self\_start();

string j;

if (p->get\_self\_start())

{

j = "Yes";

}

else

{

j = "No";

}

ofstream B1;

B1.open("Bike.txt", ios::app);

B1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << "\n";

//B1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\n";

B1.close();

addprice(g);

}

void wagon(van\* p)

{

int a = p->get\_storage\_num();

string b = p->get\_colour();

float c = p->get\_power();

string e = p->get\_company();

int f = p->get\_model();

long int g = p->get\_price();

string h = p->get\_model\_name();

int i = p->get\_seats();

//bool j = p->get\_petrol();

string j;

if (p->get\_petrol())

{

j = "Petrol";

}

else

{

j = "Diesel";

}

//bool k = p->get\_local\_made();

string k;

if (p->get\_local\_made())

{

k = "Local-Made";

}

else

{

k = "Impoted";

}

ofstream V1;

V1.open("Wagon.txt", ios::app);

V1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//V1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\t" << k << "\n";

V1.close();

addprice(g);

}

void hiace(van\* p)

{

int a = p->get\_storage\_num();

string b = p->get\_colour();

float c = p->get\_power();

string e = p->get\_company();

int f = p->get\_model();

long int g = p->get\_price();

string h = p->get\_model\_name();

int i = p->get\_seats();

//bool j = p->get\_petrol();

string j;

if (p->get\_petrol())

{

j = "Petrol";

}

else

{

j = "Diesel";

}

//bool k = p->get\_broadrims();

string k;

if (p->get\_broadrims())

{

k = "Yes";

}

else

{

k = "No";

}

ofstream h1;

h1.open("hiace.txt", ios::app);

h1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//h1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\t" << k << "\n";

h1.close();

addprice(g);

}

void Loader(truck\* p)

{

int a = p->get\_storage\_num();

string b = p->get\_colour();

float c = p->get\_power();

string e = p->get\_company();

int f = p->get\_model();

long int g = p->get\_price();

string h = p->get\_model\_name();

int i = p->get\_loading\_capacity();

int j = p->get\_tyres();

ofstream l1;

l1.open("Loader.txt", ios::app);

l1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//l1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\n";

l1.close();

addprice(g);

}

void pickup(truck\* p)

{

int a = p->get\_storage\_num();

string b = p->get\_colour();

float c = p->get\_power();

string e = p->get\_company();

int f = p->get\_model();

long int g = p->get\_price();

string h = p->get\_model\_name();

int i = p->get\_loading\_capacity();

//bool j = p->get\_roofs();

string j;

if (p->get\_roofs())

{

j = "Yes";

}

else

{

j = "No";

}

int k = p->get\_tyres();

ofstream p1;

p1.open("pickup.txt", ios::app);

p1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//p1 << a << "\t" << b << "\t" << c << "\t" << e << "\t" << f << "\t" << g << "\t" << h << "\t" << i << "\t" << j << "\n";

p1.close();

addprice(g);

}

void show\_data()

{

int decision = -1;

bool cont = true;

while (cont != false)

{

cout << "Enter 1 to show all Vehicles" << endl;

cout << "Enter 2 to show Cars" << endl;

cout << "Enter 3 to show Bikes" << endl;

cout << "Enter 4 to show Mini Trucks" << endl;

cout << "Enter 5 to show Vans" << endl;

cout << "Enter 0 to Exit" << endl;

cin >> decision;

while (decision < 0 || decision>5)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

string h;

ifstream file;

cout << "----Car-----" << endl;

cout << "---Sedan-----" << endl;

file.open("sedan.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---Jeep-----" << endl;

file.open("jeep.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Roof X\_Suspension Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tFour\_Wheel\_Drive\tRoof\tX\_Suspension\tFuel\_type" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---Hatch-Back-----" << endl;

file.open("Hatch\_back.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Transmission Product Trunk " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tFour\_Wheel\_Drive\tTransmission\tProduct\tTrunk" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---SUV-----" << endl;

file.open("SUV.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission E-Powered " << endl << endl;

cout << "----------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tFour\_Wheel\_Drive\tSeats\tTransmission\tE-Powered" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "----Bike-----"<<endl;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Gears Self\_Start " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------" << endl << endl;

file.open("Bike.txt");

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tGears\tSelf\_Start" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---------Mini-Trucks---------"<<endl;

cout << "----Loader----"<<endl;

file.open("Loader.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Tyres " << endl << endl;

cout << "------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tLoad-Capacity (kgs.)\tTyres" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "-----Pickup-----"<<endl;

file.open("pickup.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Roof Tyres " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tLoad-Capacity (kgs.)\tRoof\tTyres" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "----Vans-----"<<endl;

cout << "---Wagon----" << endl;

file.open("Wagon.txt");

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tSeats\tFuel\_Type\tProduct" << endl << endl;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Product " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "----HIACE-----"<<endl;

file.open("hiace.txt");

//cout << "Storage\_no.\tColour\tEngine\tCompany\tModel\tPrice (Rs.)\tName\tSeats\tFuel\_Type\tBroad\_Rims" << endl << endl;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Broad\_Rims " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

//cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 2)

{

cout << "Enter 1 to Show all Cars" << endl;

cout << "Enter 2 to Show all Sedans cars" << endl;

cout << "Enter 3 to Show all Jeeps cars" << endl;

cout << "Enter 4 to Show all Hatch-back cars" << endl;

cout << "Enter 5 to Show all SUV cars" << endl;

cout << "Enter 0 to Go Back" << endl;

cin >> decision;

while (decision < 0 || decision>5)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

string h;

ifstream file;

cout << "---Sedan-----" << endl;

file.open("sedan.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---Jeep-----" << endl;

file.open("jeep.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Roof X\_Suspension Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---Hatch-Back-----" << endl;

file.open("Hatch\_back.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Transmission Product Trunk " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "---SUV-----" << endl;

file.open("SUV.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission E-Powered " << endl << endl;

cout << "----------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 2)

{

string h;

ifstream file;

file.open("sedan.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 3)

{

string h;

ifstream file;

file.open("jeep.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Roof X\_Suspension Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 4)

{

string h;

ifstream file;

file.open("Hatch\_back.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Transmission Product Trunk " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 5)

{

string h;

ifstream file;

file.open("SUV.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission E-Powered " << endl << endl;

cout << "----------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 3)

{

cout << "Enter 1 to Show all Bike" << endl;

cout << "Enter 0 to Go Back" << endl;

cin >> decision;

while (decision < 0 || decision>1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

string h;

ifstream file;

file.open("Bike.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Gears Self\_Start " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 4)

{

cout << "Enter 1 to Show all Mini Trucks" << endl;

cout << "Enter 2 to Show Pick-Up trucks" << endl;

cout << "Enter 3 to Show Loader trucks" << endl;

cout << "Enter 0 to Go Back" << endl;

cin >> decision;

while (decision < 0 || decision>3)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

cout << "----Loader----"<<endl;

string h;

ifstream file;

file.open("Loader.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Load-Capacity Tyres " << endl << endl;

cout << "------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "-----Pickup-----"<<endl;

file.open("pickup.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Load-Capacity Roof Tyres " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 2)

{

string h;

ifstream file;

file.open("pickup.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Load-Capacity Roof Tyres " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 3)

{

string h;

ifstream file;

file.open("Loader.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Load-Capacity Tyres " << endl << endl;

cout << "------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 5)

{

cout << "Enter 1 to Show all Vans" << endl;

cout << "Enter 2 to Show Wagons" << endl;

cout << "Enter 3 to Show HIACE vans" << endl;

cout << "Enter 0 to Go Back" << endl;

cin >> decision;

while (decision < 0 || decision>3)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

string h;

ifstream file;

cout << "---Wagon----"<<endl;

file.open("Wagon.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Product " << endl << endl;

cout << "-------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

cout << "----HIACE-----" << endl;

file.open("hiace.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Broad\_Rims " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 2)

{

string h;

ifstream file;

file.open("Wagon.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Product " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 3)

{

string h;

ifstream file;

file.open("hiace.txt");

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Broad\_Rims " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

while (getline(file, h))

{

cout << h << endl;

}

file.close();

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 0)

{

break;

}

cont = false;

}

}

void addData()

{

c = new Car \* [4];

b = new bike \* [1];

v = new van \* [2];

t = new truck \* [2];

int decision = -1;

int cont = 1;

while (cont != 0)

{

cout << "Choose The Type of Vehicle that you want to enter" << endl;

cout << "Enter 1 for Car" << endl;

cout << "Enter 2 for Bike" << endl;

cout << "Enter 3 for Van" << endl;

cout << "Enter 4 for Mini Truck" << endl;

cout << "Enter 0 for Exit" << endl;

cin >> decision;

while (decision < 0 || decision>4)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

cout << "Choose The Type of Car that you want to enter" << endl;

cout << "Enter 1 for Sedan" << endl;

cout << "Enter 2 for Hatch Back" << endl;

cout << "Enter 3 for Jeep" << endl;

cout << "Enter 4 for SUV" << endl;

cout << "Enter 0 for Go back" << endl;

cin >> decision;

while (decision < 0 || decision>4)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

c[0] = new Sedan;

c[0]->set();

sedan1(c[0]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 2)

{

c[3] = new hashback;

c[3]->set();

hashback1(c[3]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 3)

{

c[1] = new jeep;

c[1]->set();

jeep1(c[1]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 4)

{

c[2] = new SUV;

c[2]->set();

SUV1(c[2]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 2)

{

cout << "Enter 1 to Enter data" << endl;

cout << "Enter 0 to Go Back " << endl;

cin >> decision;

while (decision < 0 || decision>1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

b[0] = new bike;

b[0]->set();

Bike(b[0]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 3)

{

cout << "Choose The Type of Van that you want to enter" << endl;

cout << "Enter 1 for Wagon" << endl;

cout << "Enter 2 for HIACE" << endl;

cout << "Enter 0 for Go back" << endl;

cin >> decision;

while (decision < 0 || decision>2)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

v[0] = new Wagon;

v[0]->set();

wagon(v[0]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 2)

{

v[1] = new HIACE;

v[1]->set();

hiace(v[1]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 4)

{

cout << "Choose The Type of Mini Truck that you want to enter" << endl;

cout << "Enter 1 for Loader" << endl;

cout << "Enter 2 for Pickup" << endl;

cout << "Enter 0 for Go back" << endl;

cin >> decision;

while (decision < 0 || decision>2)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

t[0] = new loader;

t[0]->set();

Loader(t[0]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 2)

{

t[1] = new Pickup;

t[1]->set();

pickup(t[1]);

PlaySound(TEXT("Add.wav"), NULL, SND\_SYNC);

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 0)

{

break;

}

cout << "Do you want to Enter More!!!!!" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

while (cont < 0 || cont > 1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> cont;

}

}

}

void askpurchasing()

{

int cont2 = 1;

cout << "Do you want to buy any Vehicle?" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont2;

while (cont2 < 0 || cont2 > 1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> cont2;

}

if (cont2 == 1)

{

Purchasing();

system("pause");

system("cls");

}

}

friend ostream &operator << (ostream &out, const SHS& obj)

{

SHS obj1;

int cont=1;

int decision = -1;

while (cont)

{

cout << "Enter 1 to show with type of vehicles " << endl;

cout << "Enter 2 to show with Model Year and Price Range " << endl;

cout << "Enter 0 to Exit " << endl;

cin >> decision;

while (decision < 0 || decision>2)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

obj1.show\_data();

}

else if (decision == 2)

{

obj1.search();

}

else if (decision == 0)

{

break;

}

cout << "Do yo want to search more?"<<endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

while (cont < 0 || cont > 1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> cont;

}

}

return out;

}

void search()

{

int upper = 0;

int lower = 0;

int model = 0;

int decision = -1;

bool cont = true;

while (cont)

{

bool check = false;

cout << "Enter 1 to search by Model Year" << endl;

cout << "Enter 2 to search by Price Range" << endl;

cout << "Enter 0 to Exit" << endl;

cin >> decision;

while (decision < 0 || decision>2)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

cout << "Enter 1 to search from Cars" << endl;

cout << "Enter 2 to search from Bikes" << endl;

cout << "Enter 3 to search from Vans" << endl;

cout << "Enter 4 to search from Mini Trucks" << endl;

cout << "Enter 0 to Go Back" << endl;

cin >> decision;

while (decision < 0 || decision>4)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

cout << "Enter the Model Year :";

cin >> model;

while (model<1990)

{

cout << "Existance Impossible " << endl;

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

if (decision == 1)

{

sedanbyyear(model,check);

hatchbackbyyear(model, check);

Jeepbyyear(model, check);

//SUVbyyear(model, check);

if (!check)

{

cout << "Sorry !! No car is available against this Model Year"<<endl;

}

}

else if (decision == 2)

{

bikebyyear(model, check);

if (!check)

{

cout << "Sorry !! No bike is available against this Model Year" << endl;

}

}

else if (decision == 3)

{

HIACEbyyear(model, check);

wagonbyyear(model, check);

if (!check)

{

cout << "Sorry !! No van is available against this Model Year" << endl;

}

}

else if (decision == 4)

{

loaderbyyear(model, check);

pickupbyyear(model, check);

if (!check)

{

cout << "Sorry !! No mini truck is available against this Model Year" << endl;

}

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 2)

{

cout << "Enter 1 to search from Cars" << endl;

cout << "Enter 2 to search from Bikes" << endl;

cout << "Enter 3 to search from Vans" << endl;

cout << "Enter 4 to search from Mini Trucks" << endl;

cout << "Enter 0 to Go Back" << endl;

cin >> decision;

while (decision < 0 || decision>4)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> decision;

}

cout << "Enter the Lower Price Limit :";

cin >> lower;

cout << "Enter the Upper Price Limit :";

cin >> upper;

while (lower > upper)

{

cout << "Upper Price should >= Lower Price" << endl;

cout << "Wrong input ,Enter Again !!!" << endl;

cout << "Enter the Lower Price Limit :";

cin >> lower;

cout << "Enter the Upper Price Limit :";

cin >> upper;

}

if (decision == 1)

{

sedanbyrange(upper, lower, check);

hatchbackbyrange(upper, lower, check);

Jeepbyrange(upper, lower, check);

SUVbyrange(upper,lower, check);

if (!check)

{

cout << "Sorry !! No car is available against this Price Range" << endl;

}

}

else if (decision == 2)

{

bikebyrange(upper, lower, check);

if (!check)

{

cout << "Sorry !! No bike is available against this Price Range" << endl;

}

}

else if (decision == 3)

{

HIACEbyrange(upper, lower, check);

wagonbyrange(upper, lower, check);

if (!check)

{

cout << "Sorry !! No van is available against this Price Range" << endl;

}

}

else if (decision == 4)

{

loaderbyrange(upper, lower, check);

pickupbyrange(upper, lower, check);

if (!check)

{

cout << "Sorry !! No mini truck is available against this Price Range" << endl;

}

}

else if (decision == 0)

{

continue;

}

}

else if (decision == 0)

{

break;

}

cont = false;

}

}

void sedanbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

string m;

ifstream file;

file.open("sedan.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

while (!file.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << setw(13) << m << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l << m;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

}

file.close();

}

void sedanbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

string m;

ifstream file;

file.open("sedan.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

while (!file.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << setw(13) << m << "\n";

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

}

file.close();

}

void sedanbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

string m;

ifstream file;

file.open("sedan.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

while (!file.eof())

{

if (g <=z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << setw(13) << m << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l << m;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

}

file.close();

}

void hatchbackbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file1;

file1.open("Hatch\_back.txt");

file1 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file1.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Transmission Product Trunk " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l;

}

file1 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file1.close();

}

void hatchbackbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file1;

file1.open("Hatch\_back.txt");

file1 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file1.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Transmission Product Trunk " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

}

file1 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file1.close();

}

void hatchbackbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file1;

file1.open("Hatch\_back.txt");

file1 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file1.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Transmission Product Trunk " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l;

}

file1 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file1.close();

}

void Jeepbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file2;

file2.open("jeep.txt");

file2 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file2.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Roof X\_Suspension Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l;

}

file2 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file2.close();

}

void Jeepbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file2;

file2.open("jeep.txt");

file2 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file2.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Roof X\_Suspension Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

}

file2 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file2.close();

}

void Jeepbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file2;

file2.open("jeep.txt");

file2 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file2.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Roof X\_Suspension Product Fuel\_type " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l;

}

file2 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file2.close();

}

void SUVbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j=0;

string k;

string l;

ifstream file3;

file3.open("SUV.txt");

file3 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file3.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission E-Powered " << endl << endl;

cout << "----------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l;

}

file3 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file3.close();

}

void SUVbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j=0;

string k;

string l;

ifstream file3;

file3.open("SUV.txt");

file3 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file3.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission E-Powered " << endl << endl;

cout << "----------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

}

file3 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file3.close();

}

void SUVbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j=0;

string k;

string l;

ifstream file3;

file3.open("SUV.txt");

file3 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file3.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name 4Wheel\_Drive Seats Transmission E-Powered " << endl << endl;

cout << "----------------------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j << k << l;

}

file3 >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file3.close();

}

void bikebyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

ifstream file;

file.open("Bike.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Gears Self\_Start " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

}

void bikebyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

ifstream file;

file.open("Bike.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Gears Self\_Start " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << "\n";

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

}

void bikebyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

ifstream file;

file.open("Bike.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Gears Self\_Start " << endl << endl;

cout << "-----------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << "\n";

//cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

}

void HIACEbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

file.open("hiace.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Broad\_Rims " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void HIACEbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

file.open("hiace.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Broad\_Rims " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void HIACEbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

file.open("hiace.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Broad\_Rims " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void wagonbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

file.open("Wagon.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Product " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void wagonbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

file.open("Wagon.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Product " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void wagonbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

file.open("Wagon.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Seats Fuel\_Type Product " << endl << endl;

cout << "--------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void loaderbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

int j = 0;

ifstream file;

file.open("Loader.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Tyres " << endl << endl;

cout << "------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

}

void loaderbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

int j = 0;

ifstream file;

file.open("Loader.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Tyres " << endl << endl;

cout << "------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

}

void loaderbyrange(int z, int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

int j = 0;

ifstream file;

file.open("Loader.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Tyres " << endl << endl;

cout << "------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

}

void pickupbyno(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

int k = 0;

ifstream file;

file.open("pickup.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (z == a)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Roof Tyres " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void pickupbyyear(int z, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

int k = 0;

ifstream file;

file.open("pickup.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (z == f)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Roof Tyres " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void pickupbyrange(int z,int y, bool& check)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

int k = 0;

ifstream file;

file.open("pickup.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (g <= z && g >= y)

{

check = true;

cout << "Storage\_no. Colour Engine Company Model Price (Rs.) Name Capacity(kgs) Roof Tyres " << endl << endl;

cout << "---------------------------------------------------------------------------------------------------------------------------------------------" << endl << endl;

cout << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

}

void SearchSedan()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

string m;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Sedan by storage no. \n";

cin >> C;

ifstream file;

file.open("sedan.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k << l << m;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

}

if (Check == false)

{

cout << endl << "No such sedan " << endl;

}

file.close();

cout << "\nEnter the Model year to find Sedan by storage no. \n";

cin >> C;

file.open("sedan.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k << l << m;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

}

file.close();

}

void SearchHashback()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Hashback by storage no. \n";

cin >> C;

ifstream file;

file.open("Hatch\_back.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k << l;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

if (Check == false)

{

cout << endl << "No such Hashback " << endl;

}

file.close();

cout << "\nEnter the Model year to find hashback by storage no. \n";

cin >> C;

file.open("Hatch\_back.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k << l;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

if (Check1 == false)

{

cout << endl << "No such Hashback " << endl;

}

file.close();

}

void SearchJeep()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Jeep by storage no. \n";

cin >> C;

ifstream file;

file.open("jeep.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k << l;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file.close();

cout << "\nEnter the Model year to find Jeep by storage no. \n";

cin >> C;

file.open("jeep.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k << l;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file.close();

}

void SearchSUV()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find SUV by storage no. \n";

cin >> C;

ifstream file;

file.open("SUV.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k << l;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

if (Check == false)

{

cout << endl << "No such SUV " << endl;

}

file.close();

cout << "\nEnter the Model year to find SUV by storage no. \n";

cin >> C;

file.open("SUV.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k << l;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

if (Check1 == false)

{

cout << endl << "No such SUV " << endl;

}

file.close();

}

void SearchBike()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Bike by storage no. \n";

cin >> C;

ifstream file;

file.open("Bike.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

if (Check == false)

{

cout << endl << "No such Bike " << endl;

}

file.close();

cout << "\nEnter the Model year to find Bike by storage no. \n";

cin >> C;

file.open("Bike.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

if (Check1 == false)

{

cout << endl << "No such Bike " << endl;

}

file.close();

}

void SearchWagon()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Wagon by storage no. \n";

cin >> C;

ifstream file;

file.open("Wagon.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

if (Check == false)

{

cout << endl << "No such Wagon " << endl;

}

file.close();

cout << "\nEnter the Model year to find Wagon by storage no. \n";

cin >> C;

file.open("Wagon.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

if (Check1 == false)

{

cout << endl << "No such Wagon " << endl;

}

file.close();

}

void SearchHiace()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Hiace by storage no. \n";

cin >> C;

ifstream file;

file.open("hiace.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

if (Check == false)

{

cout << endl << "No such Hiace " << endl;

}

file.close();

cout << "\nEnter the Model year to find Hiace by storage no. \n";

cin >> C;

file.open("hiace.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

if (Check1 == false)

{

cout << endl << "No such Hiace " << endl;

}

file.close();

}

void SearchLoader()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

int j = 0;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Loader by storage no. \n";

cin >> C;

ifstream file;

file.open("Loader.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

if (Check == false)

{

cout << endl << "No such Loader " << endl;

}

file.close();

cout << "\nEnter the Model year to find Loader by storage no. \n";

cin >> C;

file.open("Loader.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

if (Check1 == false)

{

cout << endl << "No such Loader " << endl;

}

file.close();

}

void SearchPickup()

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

int k = 0;

bool Check = false;

bool Check1 = false;

int C;

cout << "\nEnter the serial no. to find Pickup by storage no. \n";

cin >> C;

ifstream file;

file.open("pickup.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C == a)

{

Check = true;

cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

if (Check == false)

{

cout << endl << "No such Pickup " << endl;

}

file.close();

cout << "\nEnter the Model yaer to find Pickup by storage no. \n";

cin >> C;

file.open("pickup.txt");

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C == f)

{

Check1 = true;

cout << a << b << c << e << f << g << h << i << j << k;

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

if (Check1 == false)

{

cout << endl << "No such Pickup " << endl;

}

file.close();

}

void Purchasing()

{

int st;

bool cont=false;

bool c1 = false;

bool c2 = false;

bool c3 = false;

bool c4 = false;

bool c5 = false;

bool c6 = false;

bool c7 = false;

bool c8 = false;

bool c9 = false;

cout << "Enter the Unique Storage Number of vehicle (that you want to buy) "<<endl;

cin >> st;

while (st <0)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> st;

}

sedanbyno(st,c1);

hatchbackbyno(st,c2);

Jeepbyno(st,c3);

SUVbyno(st,c4);

bikebyno(st,c5);

wagonbyno(st,c6);

HIACEbyno(st,c7);

loaderbyno(st,c8);

pickupbyno(st,c9);

if(c1)

{

cout << "Confirm Again that You Want to Buy This Sedan Car"<<endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if(cont)

{

RemoveSedan(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Sedan Car" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c2)

{

cout << "Confirm Again that You Want to Buy This Hatch Back Car"<<endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveHashback(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Hatch Back Car" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c3)

{

cout << "Confirm Again that You Want to Buy This Jeep Car"<<endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveJeep(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Jeep" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c4)

{

cout << "Confirm Again that You Want to Buy This SUV Car"<<endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveSUV(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new SUV" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c5)

{

cout << "Confirm Again that You Want to Buy This Bike" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveBike(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Bike" << endl;

cout << "We Request you to follow all the driving Rules and Regulations and always wear Helmet" << endl;

}

}

else if(c6)

{

cout << "Confirm Again that You Want to Buy This Wagon Van" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveWagon(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Wagon" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c7)

{

cout << "Confirm Again that You Want to Buy This HIACE Van" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveHiace(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new HIACE Van" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c8)

{

cout << "Confirm Again that You Want to Buy This Loader Truck" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveLoader(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Loader" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else if(c9)

{

cout << "Confirm Again that You Want to Buy This Pickup Truck" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemovePickup(st);

PlaySound(TEXT("Pay.wav"), NULL, SND\_SYNC);

cout << "Pay the above mentioned amount to our dealer" << endl;

cout << "Congratulations!!!!!! for your new Pickup Truck" << endl;

cout << "We Request you to follow all the driving Rules and Regulations" << endl;

}

}

else

{

int pich;

cout << "No Vehicle Exists Against this Storage Number "<<endl;

cout << "Do you want to Enter Again correctly?" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> pich;

while (pich < 0 || pich > 1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> pich;

}

if (pich)

{

Purchasing();

}

else

{

}

}

}

void Deleting()

{

int st;

bool cont = false;

bool c1 = false;

bool c2 = false;

bool c3 = false;

bool c4 = false;

bool c5 = false;

bool c6 = false;

bool c7 = false;

bool c8 = false;

bool c9 = false;

cout << "Enter the Unique Storage Number of vehicle (that you want to delete) " << endl;

cin >> st;

while (st < 0)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> st;

}

sedanbyno(st, c1);

hatchbackbyno(st, c2);

Jeepbyno(st, c3);

SUVbyno(st, c4);

bikebyno(st, c5);

wagonbyno(st, c6);

HIACEbyno(st, c7);

loaderbyno(st, c8);

pickupbyno(st, c9);

if (c1)

{

cout << "Confirm Again that You Want to Delete This Sedan Car" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveSedan(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Sedan Deleted Successfully" << endl;

}

}

else if (c2)

{

cout << "Confirm Again that You Want to Delete This Hatch Back Car" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveHashback(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Hatch Back Deleted Successfully" << endl;

}

}

else if (c3)

{

cout << "Confirm Again that You Want to Delete This Jeep Car" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveJeep(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Jeep Deleted Successfully" << endl;

}

}

else if (c4)

{

cout << "Confirm Again that You Want to Delete This SUV Car" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveSUV(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "SUV Deleted Successfully" << endl;

}

}

else if (c5)

{

cout << "Confirm Again that You Want to Delete This Bike" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveBike(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Bike Deleted Successfully" << endl;

}

}

else if (c6)

{

cout << "Confirm Again that You Want to Delete This Wagon Van" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveWagon(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Wagon Deleted Successfully" << endl;

}

}

else if (c7)

{

cout << "Confirm Again that You Want to Delete This HIACE Van" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveHiace(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "HIACE Deleted Successfully" << endl;

}

}

else if (c8)

{

cout << "Confirm Again that You Want to Delete This Loade Truck" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemoveLoader(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Loader Deleted Successfully" << endl;

}

}

else if (c9)

{

cout << "Confirm Again that You Want to Buy Delete Pickup Truck" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> cont;

if (cont)

{

RemovePickup(st);

PlaySound(TEXT("Delete.wav"), NULL, SND\_SYNC);

cout << "Pickup Deleted Successfully" << endl;

}

}

else

{

int pich;

cout << "No Vehicle Exists Against this Storage Number " << endl;

cout << "Do you want to Enter Again correctly?" << endl;

cout << "Enter 1 for Yes, 0 for No :";

cin >> pich;

while (pich < 0 || pich > 1)

{

cout << "Wrong input ,Enter Again !!!" << endl;

cin >> pich;

}

if (pich)

{

Deleting();

}

}

}

void RemoveSedan(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

string m;

ifstream file;

ofstream file1;

file.open("sedan.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << g << h << i << j << k << l << m;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << setw(13) << m << "\n";

//file1 << a << b << c << e << f << g << h << i << j << k << l << m << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l >> m;

}

file.close();

file1.close();

remove("sedan.txt");

rename("temp.txt","sedan.txt");

}

void RemoveHashback(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file;

ofstream file1;

file.open("Hatch\_back.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j << k << l;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//file1 << a << b << c << e << f << h << i << j << k << l << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file.close();

file1.close();

remove("Hatch\_back.txt");

rename("temp.txt","Hatch\_back.txt");

}

void RemoveJeep(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

string j;

string k;

string l;

ifstream file;

ofstream file1;

file.open("jeep.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j << k << l;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//file1 << a << b << c << e << f << h << i << j << k << l << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file.close();

file1.close();

remove("jeep.txt");

rename("temp.txt","jeep.txt");

}

void RemoveSUV(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

string i;

int j = 0;

string k;

string l;

ifstream file;

ofstream file1;

file.open("SUV.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j << k << l;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << " " << setw(13) << l << " " << "\n";

//file1 << a << b << c << e << f << h << i << j << k << l << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k >> l;

}

file.close();

file1.close();

remove("SUV.txt");

rename("temp.txt","SUV.txt");

}

void RemoveBike(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

ifstream file;

ofstream file1;

file.open("Bike.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << "\n";

//file1 << a << b << c << e << f << h << i << j << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

file1.close();

remove("Bike.txt");

rename("temp.txt","Bike.txt");

}

void RemoveWagon(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

ofstream file1;

file.open("Wagon.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j << k;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//file1 << a << b << c << e << f << h << i << j << k << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

file1.close();

remove("Wagon.txt");

rename("temp.txt","Wagon.txt");

}

void RemoveHiace(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

string k;

ifstream file;

ofstream file1;

file.open("hiace.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j << k;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << " " << setw(13) << k << "\n";

//file1 << a << b << c << e << f << h << i << j << k << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

file1.close();

remove("hiace.txt");

rename("temp.txt","hiace.txt");

}

void RemoveLoader(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

int j = 0;

ifstream file;

ofstream file1;

file.open("Loader.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//file1 << a << b << c << e << f << h << i << j << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j;

}

file.close();

file1.close();

remove("Loader.txt");

rename("temp.txt","Loader.txt");

}

void RemovePickup(int C)

{

int a = 0;

string b;

float c = 0;

string e;

int f = 0;

long int g = 0;

string h;

int i = 0;

string j;

int k = 0;

ifstream file;

ofstream file1;

file.open("pickup.txt");

file1.open("temp.txt", ios::app);

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

while (!file.eof())

{

if (C != a)

{

//cout << a << b << c << e << f << h << i << j << k;

file1 << left << setw(13) << a << " " << setw(13) << b << " " << setw(13) << c << " " << setw(13) << e << " " << setw(13) << f << " " << setw(13) << g << " " << setw(13) << h << " " << setw(13) << i << " " << setw(13) << j << "\n";

//file1 << a << b << c << e << f << h << i << j << k << endl;

}

else

{

cutprice(g);

}

file >> a >> b >> c >> e >> f >> g >> h >> i >> j >> k;

}

file.close();

file1.close();

remove("pickup.txt");

rename("temp.txt","pickup.txt");

}

};

#pragma once

#pragma comment(lib, "winmm.lib")

#include"SHS.h"

#include<iostream>

#include<Windows.h>

using namespace std;

class management

{

private:

SHS obj;

unsigned long long int opassword;

int count;

public:

management()

{

count = 0;

ifstream f;

f.open("passwords.txt");

f >> opassword;

if(opassword<0 || opassword>9999)

{

ofstream faf;

opassword=0;

faf.open("passwords.txt");

faf << opassword;

faf.close();

}

f.close();

}

void data\_add()

{

obj.addData();

}

void delete\_dat()

{

obj.show\_data();

obj.Deleting();

}

void show()

{

cout << obj;

}

int get\_count()

{

return obj.return\_count();

}

long long int get\_price()

{

return obj.return\_price();

}

bool setpassword()

{

if (opassword == 0)

{

cout << "Set Your 4-Digit Pin" << endl;

cin >> opassword;

while(opassword<=1000 || opassword>=9999)

{

cout << "Wrong Input, Enter Again :";

cin >> opassword;

}

ofstream f;

f.open("passwords.txt");

f << opassword;

f.close();

return true;

}

return false;

}

bool ologin()

{

unsigned long long int pass = 0;

bool check=setpassword();

if (!check)

{

cout << "Enter Your Login Pin, Beware You only have 3 attempts" << endl;

cout << "Enter Your Pin :";

cin >> pass;

if (pass == opassword)

{

return true;

}

}

else

{

cout << "Enter Your Recent Set Pin , Beware You only have 3 attempts" << endl;

cout << "Enter Your Pin :";

cin >> pass;

if (pass == opassword)

{

return true;

}

}

count++;

if (count > 2)

{

cout << "!!!!!!!!!!!!!!!!!!!!!!!Security Breach!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!" << endl;

cout << " Close Console Screen immidiately " << endl;

system("color 74");

while (1)

{

PlaySound(TEXT("Siren.wav"), NULL, SND\_SYNC);

}

return false;

}

else

return false;

}

};

#pragma once

#include<iostream>

#include"SHS.h"

using namespace std;

class customer

{

private:

SHS obj;

public:

void show()

{

cout << "\n\n\n\nWe have Total " << obj.return\_count() << " vehicles" << endl;

cout << obj;

obj.askpurchasing();

}

};

//#pragma once

#pragma comment(lib, "winmm.lib")

#include <iostream>

#include <string>

#include<ctime>

#include<time.h>

#include"Vehicle.h"

#include"Car.h"

#include"SHS.h"

#include"Manager.h"

#include<iomanip>

#include<chrono>

#include"Customer.h"

#include<mmsystem.h>

using namespace std;

void clk()

{

/\*char timeline[50];

time\_t tmNow = time(0);

char\* dt = ctime(&tmNow);

cout << "Current Date/Time: " << dt;\*/

cout << endl;

}

void display()

{

clk();

cout << "Please Maximize the console screen " << endl;

cout << endl<<endl;

PlaySound(TEXT("Welcome.wav"), NULL, SND\_SYNC);

PlaySound(TEXT("Slogan.wav"), NULL, SND\_ASYNC);

cout << endl << endl << endl << endl << endl ;

cout << setw(120);

cout << "!!!!!!! Welcome to Anycar Motors !!!!!"<<endl<<endl<<endl;

cout << setw(120);

cout << "!!!!!!! Imagine the Unimaginable !!!!!" << endl << endl << endl;

cout << setw(122) << " Enter 1 for Manager Managment System " << right << setw(53) << "Owners:" << endl;

cout << setw(122) << " Enter 2 for Customer Managment System " << right << setw(58) << "Shehroz Aziz " << endl;

cout << setw(122) << " Enter 0 for Exit " << right << setw(58) << "Muhammad Saib " << endl;

cout << right << setw(180) << "Hamza Iftikhar" << endl;

}

int main()

{

display();

int choice = 0;

int count = 0;

bool check=false;

int cont = 1;

int cont2 = 1;

cout << "Make Your Choice" << endl;

/\*cout << "Enter 1 for Manager" << endl;

cout << "Enter 2 for Customer" << endl;\*/

//cout << setw(122) << "Enter 0 for Exit" << endl;

cout << "Enter :";

cin >> choice;

while (choice < 0 || choice >2)

{

cout << "Wrong Input, Enter Again :";

cin >> choice;

}

system("pause");

system("cls");

management man;

customer cus;

if (choice == 1)

{

check = man.ologin();

while (!check)

{

cout << "--------------Try Again--------------" << endl;

check = man.ologin();

}

cout << "Hello Mr. Manager !!" << endl;

while (cont)

{

cout << "Enter 1 to add data to database" << endl;

cout << "Enter 2 to get data to delete " << endl;

cout << "Enter 3 to view database " << endl;

cout << "Enter 4 to show Total Count with Total Price" << endl;

cout << "Enter 0 to Exit" << endl;

cout << "Make Your Choice : ";

cin >> choice;

while (choice < 0 || choice > 4)

{

cout << "Wrong Input, Enter Again :";

cin >> choice;

}

if (choice == 1)

{

man.data\_add();

cout << "Vehicle Added Successfully" << endl;

system("pause");

system("cls");

}

else if (choice == 2)

{

man.delete\_dat();

system("pause");

system("cls");

}

else if (choice == 3)

{

man.show();

system("pause");

system("cls");

}

else if (choice == 4)

{

cout << "We Have " << man.get\_count() << " vehicles of worth " << man.get\_price() << "\\- Rs." << endl;

system("pause");

system("cls");

}

else

{

cout << setw(120);

cout << "-------- Bye!!!! Mr. Manager --------" << endl;

system("pause");

system("cls");

cont = false;

}

}

}

else if (choice == 2)

{

while (cont2)

{

cout << "Enter 1 to Show Database" << endl;

cout << "Enter 0 to Exit" << endl;

cout << "Make Your Choice : ";

cin >> choice;

while (choice < 0 || choice > 1)

{

cout << "Wrong Input, Enter Again :";

cin >> choice;

}

if (choice==1)

{

cout << setw(120);

cout << "--------Thank You for visiting here------" << endl;

cout << setw(120);

cout << "---Press any key to visit our Showroom---" << endl;

system("pause");

system("cls");

cus.show();

system("pause");

system("cls");

}

else if (choice==0)

{

cout << "Have a nice day!!! GOODBYE :)" << endl;

cont2 = false;

system("pause");

}

}

}

else

{

system("pause");

}

system("cls");

PlaySound(TEXT("Thank.wav"), NULL, SND\_SYNC);

cout << setw(120) << "\n\n----Anycar Motors Signing off :(-----\n\n\n\n\n\n\n";

return 0;

}