```cpp
//Question 4

#include<iostream>
#include<fstream>
#include<iomanip>

#define W setw

using namespace std;

int main()
{
    char file[] = "used.car";//file to create

    char manufacturer[20], model[20], again;//information of the used
cars
    int year, cost, miles;

    ofstream OS(file, ios::out);

    cout<<"Create a list of used cars";
    //get input from the user and write them to output file
    do
    {
        cout<<"\n\nEnter Manufacturer: "; cin>>manufacturer;
        cout<<"\nEnter Model: "; cin>>model;
        cout<<"\nEnter Year: "; cin>>year;
        cout<<"\nEnter Miles: "; cin>>miles;
        cout<<"\nEnter Cost: "; cin>>cost;

        //pressing control and z cause my program to crush. thats why
the program
        //quits with the letter n
        cout<<"\nPress n to qquit (y/n):  "; cin>>again;//to quit the
input process


OS<<W(10)<<manufacturer<<W(10)<<model<<W(10)<<year<<W(10)<<miles<<W(10
)<<cost<<endl;

    }while(again!= 'n');

    OS.close();

    ifstream IS(file, ios::in);//creates input file stream

    cout<<"\n\nCars whose miles are less than 50000 and cheaper than
9000$\n\n";
```

```cpp
    while(IS>>manufacturer>>model>>year>>miles>>cost)
    {
        if((miles < 50000) && (cost < 9000))//checks the cars and list
them
        {

cout<<W(10)<<manufacturer<<W(10)<<model<<W(10)<<year<<W(10)<<miles<<W(
10)<<cost<<endl;
        }
    }

    IS.close(); //closes the input file stream



 system("pause");
 return 0;
}
```

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Create a list of used cars

Enter Manufacturer: Mercedes

Enter Model: Benz

Enter Year: 1997

Enter Miles: 100000

Enter Cost: 20000

Press n to qquit (y/n): y

Enter Manufacturer: Honda

Enter Model: civic

Enter Year: 2000

Enter Miles: 30000

Enter Cost: 5000

Press n to qquit (y/n): y

```
Enter Manufacturer: Tofas

Enter Model: Sahin

Enter Year: 1996

Enter Miles: 45000

Enter Cost: 6000

Press n to qquit (y/n):  n


Cars whose miles are less than 50000 and cheaper than 9000$

    Honda    civic    2000    30000    5000
    Tofas    Sahin    1996    45000    6000
Press any key to continue . . .
```