Source code:1

```
#include<iostream> #include<fstream> using namespace std;
class pharmacy { public:
char id; string name; int quantity; int price;
};
class pharmacymanegement { private:
pharmacy phar;
public:
void addval() {
int choice; do {
cout << "Id: ";
cin >> phar.id;
cout << "Name: ";
cin >> phar.name;
cout << "Quantity: ";
cin >> phar.quantity;
cout << "Price: ";
cin >> phar.price;
cout << "Save successfully" << endl;
cout << "Enter '0' to exit or '1' to continue: "; cin >> choice;
} while (choice != 0 && choice == 1); }
void search() { string n;
cout << "Enter name to search: ";
cin >> n;
cout << "No medicines found with the given name." << endl;
}
void del() { string n;
cout << "Enter name to search: ";
cin >> n;
cout << "No medicines found with the given name." << endl;
}
```

```
void save(const string& medical) { ofstream out(medical);
  if (!out) {
cerr << "File not found: " << medical << endl;
}
out.close();
cout << "Medicines saved to file " << medical << endl << endl;
} };
int main() { pharmacymanegement pharman; while (true) {
int value;
cout << "1. For add medicines" << endl;
cout << "2. For search medicines" << endl; cout << "3. For delete medicines" << endl;
cout << "4. For save medicines to file" << endl; cout << "5. For exit from program" << endl; cout << "Type here: ";
cin >> value;
switch (value) {
case 1: { pharman.addval(); break;
}
case 2: {
pharman.search();
break; }
case 3: { pharman.del(); break;
}
case 4: {
break; }
pharman.save("D:/medical.txt");
case 5: { exit(0);
}
default: {
cout << "Invalid input" << endl << endl; }
} }
}
```