```
#include <iostream>
#include <sstream>
#define MAX 5
   virtual void display() = 0;
   virtual int numberOfLicenses() = 0;
   virtual string userType() = 0;
    virtual string getName() {
    int numberOfLicenses() override {
    string userType() override {
```

```
bool hasKey(string givenKey) override {
   string formatLicenseKeys() {
    CorporateUser(int id, string name, string *licenseKeys, int price, int
    int numberOfLicenses() override {
    string userType() override {
    void display() override {
SoftwareUser *allUsers[MAX];
void initialize() {
```

```
allUsers[2] = new CorporateUser(3, "pec", licenses2, 10000, 3);
allUsers[3] = new CorporateUser(4, "kec", licenses3, 25000, 6);
string userTypeOf(string userName) {
string findAccessOf(string userName, string licenseKey) {
void displaySummary() {
     initialize();
```

```
displayAllUsers();
                                  by3K, 66Y2, 4Uee, oQ5r, 15000 4
Lrc4, rc8K, 22Y8, 10000 3
                 CORPORATE
        pec
4. User type of: CORPORATE
Process finished with exit code 0
```