```cpp
1  #define _CRT_SECURE_NO_WARNINGS
2  #pragma once
3  #include <string.h>
4  #pragma warning(disable:4996)
5
6
7  class Car
8  {
9
10 private:
11     int carNumber;
12     char * type;
13
14 public:
15     Car()
16     {
17         carNumber = 0;
18         type = NULL;
19     }
20     Car(const int _carNumber)
21     {
22         carNumber = _carNumber;
23         type = NULL;
24     }
25
26     Car(const int _carNumber, const char * _type)
27     {
28         carNumber = _carNumber;
29         type = new char[strlen(_type) + 1];
30         strcpy(type, _type);
31     }
32     virtual~Car()
33     {
34         delete[] type;
35     }
36
37     void SetCarNumber(const int _carNuber);
38     void SetType(const char* _type);
39     virtual char* GetType();
40     int GetCarNumber();
41 };
42
43
44 class Suv : public Car
45 {
46
47 public:
48     Suv() : Car() {}
49     Suv(const int _carNumber) : Car(_carNumber)
50     {
51         Car::SetType("SUV");
52     }
53     Suv(const int _carNumber, const char* _type) : Car(_carNumber, _type)
54     {}
55     ~Suv() {}
56
```

```cpp
57        char* GetType();
58
59  };
60
61  class Sedan : public Car
62  {
63
64
65  public:
66        Sedan() : Car() {}
67        Sedan(const int _carNumber) : Car(_carNumber)
68        {
69            Car::SetType("Sedan");
70        }
71        Sedan(const int _carNumber, const char* _type) : Car(_carNumber, _type)
72        {}
73        ~Sedan() {}
74
75        char* GetType();
76
77  };
```