```
#include <iostream>
#include <iostream>
#include <iostream>
#include <cstring>
using namespace std;

const int directory_Size = 10;

const char "names[directory_Size] = { "John", "James", "Tom" }; // 看成二維陣列

const char "phoneNumbers[directory_Size] = { "0912345678", "0995638527", "0965748396" };

void printDirectory();
void findPhoneNumber(const char "name);
void updatePhoneNumber(const char "name, const char "newNumber);
```

```
Search for the phone number (enter 0) update phone number(enter 1) look up the directory(enter 2): 2

John: 0912345678

James: 0995638527

Tom: 0965748396
```

```
Search for the phone number (enter 0)
update phone number(enter 1)
look up the directory(enter 2): 0
Whose phone number do you want to search? : John
John: 0912345678
```

```
Search for the phone number (enter 0)
update phone number(enter 1)
look up the directory(enter 2): 1
Whose phone number do you want to update?: John
New number: 0978654321

John: 0978654321

James: 0995638527
Tom: 0965748396
```