```
#include "customer.h"
#include <iostream>
#include <cctype>
using namespace std;
int main()
  const int SIZE = 13; // Array size
  char customer[SIZE]; // To hold a customer number
  Customer c;
   cout << "Enter a customer number in the form ";</pre>
   cout << "LNLNLN<space>NLNLNL\n";
   cout << "(L=Letters N=Numbers): ";</pre>
   cin.getline(customer, SIZE);
   if (c.testNum(customer, SIZE))
      cout << "That's a valid customer number.\n";</pre>
      cout << "That is not the proper format of the ";</pre>
      cout << "customer number.\nHere is an example:\n";</pre>
      cout << " a1b2c3 1a2b3c\n";</pre>
   return 0;
```

Customer.h

```
class Customer
{
private:
public:
    bool testNum(char[], int);
};
```

Customer.cpp

```
#include "customer.h"
#include <string>
using namespace std;
bool Customer::testNum(char custNum[], int size)
    for (count = 0; count < 6; count++)</pre>
        if (count % 2 == 0)
            if (!isalpha(custNum[count]))
               return false;
        else if (!isdigit(custNum[count]))
           return false;
```

```
if (count == 6)
   if (!isspace(custNum[count]))
       return false;
        count++;
for (count = 7; count < size - 1; count++)</pre>
    if (count % 2 == 1)
       if (!isdigit(custNum[count]))
           return false;
    else if (!isalpha(custNum[count]))
       return false;
```

Output:

Enter a customer number in the form LNLNLN<space>NLNLNL (L=Letters N=Numbers): a1b2c3 1a2b3c
That's a valid customer number.