```
#include <string.h>
                                                 include string h
            . >
                                                 define MAX_CNUM_LEN
define VALID_CNUM
define INVALID_CNUM
               13
                                                                                                 #define v1 13
                                                                                                 #define v2 0
#define v3 1
#
                0
                1
                                                int chk_cnum_valid char cust_num
                                                                                                 int v4(char v5[],
                      [],
                                                             int cnum_status
                                                                                                     int *v6)
                                                int i
                                                                                                 int v7,
                                                   cnum_len
                                                                                                   v8;
                                                 cnum_status VALID_CNUM
                                                                                                 *v6=v2;
                                                cnum_len strlen cust_num
if cnum_len MAX_CNUM_LEN
                                                                                                 v8=strlen(v5);
                                                                                                 if (v8 > v1)
                                                   cnum_status INVALID_CNUM
                                                                                                   *v6=v3;
                                                                                                 }
else
                                                else
    (=0; <
                                                  for i i cnum_len i
                                                                                                   for (v7=0; v7 < v8; v7++)
                   ; ++)
                                                                                                     if ((v5[v7] < '0') ||
(v5[v7] > '9'))
             []<'0')||
                                                    if cust_num i
                                                        cust_num i
             [] > '9'))
                                                       cnum_status INVALID_CNUM
                                                                                                        *v6=v3;
```