```
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
/* normalize - convert DOS,UNIX,MAC line endings to UNIX
/* DOS = |r|n MAC = |r| UNIX = |n|
void normalize(char* s)
         r = 0; // read position w = 0; // write position
    int
    int
    for (r = 0; s[r]; r++) {
        char c = s[r];
        if ( c == '\r
           if ( s[r+1] == '\n')
        r++ ; // ignore \n following \r
if ( c == '\r' )
           c = '\n' ; // convert every \r to \n
        s[w++] = c ;
   s[w] = 0 ;
}
char* a(char c) /* return ascii version of a char */
    static char buffer[10] ;
   sprintf(buffer, (32 \le c \&\& c \le 127) ? "%c" : " %#02x " ,c);
    return buffer ;
}
int main(int argc,const char* argv[])
{
    int
        i;
    const char* S = "Apple\r\nBanana\r\nCarrot\rbanana\npear\r\napple\rstrawberry" ;
               s[256] ;
    strcpy(s,S);
   normalize(s);
    for ( i = 0 ; i < strlen(s) ; i++ )
        printf("%s",a(s[i]));
    printf("\n");
    return 0 ;
}
```