```c
#include <unistd.h>

void print_bits(unsigned char octet)
{
        int i;
        char c;

        i = 128;
        while (i > 0)
        {
                if (octet < i)
                {
                        c = '0';
                        i = i / 2;
                        write(1, &c, 1);
                }
                else
                {
                        c = '1';
                        write(1, &c, 1);
                        octet = octet - i;
                        i = i / 2;
                }
        }
}
```