

```

#include <unistd.h>

#define is_alpha(c) (c >= 'a' && c <='z') ? 1 : 0
enum status{INVALID, HELP, SUCESS};
int    g_mem;

void  print_bin(int num)
{
    long r = 1;
    r <<= 32;
    char count = 1;
    while (r >>= 1)
    {
        (r & num) ? write(1, "1", 1) : write(1, "0", 1);
        if (count % 8 == 0 && count != 32)
            write(1, " ", 1);
        count++;
    }
}

int    check_flags(char *str)
{
    unsigned i = 0;
    if (str[i] != '-')
        return (INVALID);
    while (str[++i])
        if (!is_alpha(str[i]))
            return (INVALID);
    i = 1;
    while (str[i])
    {
        if (str[i] == 'h')
            return (HELP);
        g_mem |= (1 << (str[i] - 'a'));
        i++;
    }
    return (SUCESS);
}

```

```

int    main(int ac, char **av)
{
    unsigned i = 1;
    unsigned char status = 0;

    if (ac < 2)
    {
        write(1, "options: abcdefghijklmnopqrstuvwxyz\n", 36);
        return (0);
    }
    else
    {
        while (av[i])
        {
            status = check_flags((av[i]));
            if (status == INVALID)
            {
                write(1, "Invalid Option\n", 15);
                return (0);
            }
            else if (status == HELP)
            {
                write(1, "options: abcdefghijklmnopqrstuvwxyz\n", 36);
                return (0);
            }
            i++;
        }
        print_bin(g_mem);
    }
    return (0);
}

```