

7.13

A、

```
yuanye@1190200122-yuanye:/usr/lib/x86_64-linux-gnu$ ar -t libc.a | wc -l
1740
```

```
yuanye@1190200122-yuanye:/usr/lib/x86_64-linux-gnu$ ar -t libm-2.31.a | wc -l
802
```

B、

不同：

```
yuanye@1190200122-yuanye:/mnt/hgfs/d$ gcc -Og -o a.out foo.c bar.c
yuanye@1190200122-yuanye:/mnt/hgfs/d$ gcc -Og -g -o b.out foo.c bar.c
yuanye@1190200122-yuanye:/mnt/hgfs/d$ sha256sum a.out b.out
eac8144783fcecbbf2051790076f9e8fa9d5fcdc75fbd581e3469798e290d0a8b  a.out
ac2764877abfd46d39a688fd7673e81d8e13e47f10b133c00b6955383573cad  b.out
```

C、

```
yuanye@1190200122-yuanye:/mnt/hgfs/d$ ldd /usr/bin/gcc
linux-vdso.so.1 (0x00007fff23ff9000)
libc.so.6 => /lib/x86_64-linux-gnu/libc.so.6 (0x00007fbd01c5000)
/lib64/ld-linux-x86-64.so.2 (0x00007fbd03cd000)
```