

Homework 10

Problem 1

A. $p.o \rightarrow \text{libx.a} \rightarrow p.o$

B. $p.o \rightarrow \text{libx.a} \rightarrow \text{liby.a}$ and $\text{liby.a} \rightarrow \text{libx.a}$

C. $p.o \rightarrow \text{libx.a} \rightarrow \text{liby.a} \rightarrow \text{libz.a}$ and $\text{liby.a} \rightarrow \text{libx.a} \rightarrow \text{libz.a}$

Problem 2

A. Relocation entries for the .text section:

OFFSET	TYPE	VALUE
00000012	R_386_PC32	p3
00000019	R_386_32	xp
00000021 p2	R_386_PC32	p2

B. Relocation entries for .data section:

OFFSET	TYPE	VALUE
00000004	R_386_32	x

Problem 3

A. Relocation entries for the .text section:

OFFSET	TYPE	VALUE
00000011	R_386_32	.rodata

B. Relocation entries for .data section:

OFFSET	TYPE	VALUE
00000000	R_386_32	.text
00000004	R_386_32	.text
00000008	R_386_32	.text
0000000c	R_386_32	.text
00000010	R_386_32	.text
00000014	R_386_32	.text