

1. Symbols

a) Main.o:

0 T main

b) Startup.o:

	U	_E_bss
	U	_E_DATA
	U	_E_text
	U	_S_bss
	U	_S_DATA
0	T	Default_Handler
0	R	g_p_fn_vectors
0	W	H_fault_Handler
	U	main
0	W	NMI_Handler
0000000c	T	Reset_Handler
0	b	stack_top

a) Unit3 lab4 cortexM4.elf:

20000400	B	_E_bss
20000000	D	_E_DATA
128	T	_E_text
20000000	B	_S_bss
20000000	D	_S_DATA
10	T	Default_Handler
0	T	g_p_fn_vectors
10	W	H_fault_Handler
000000a0	T	main
10	W	NMI_Handler
0000001c	T	Reset_Handler
20000000	b	stack_top

2. Sections:

b) Main.o:

Idx	Name	Size	VMA	LMA	File off	Algn
0	.text	00000088	00000000	00000000	00000034	2**2
			CONTENTS, ALLOC, LOAD, READONLY, CODE			

1	.data	00000000	00000000	00000000	000000bc	2**0
		CONTENTS,	ALLOC,	LOAD,	DATA	
2	.bss	00000000	00000000	00000000	000000bc	2**0
		ALLOC				
3	.debug_info	0000009c	00000000	00000000	000000bc	2**0
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
4	.debug_abbrev	0000005e	00000000	00000000	00000158	2**0
		CONTENTS,	READONLY,	DEBUGGING,	OCTETS	
5	.debug_loc	00000038	00000000	00000000	000001b6	2**0
		CONTENTS,	READONLY,	DEBUGGING,	OCTETS	
6	.debug_aranges	00000020	00000000	00000000	000001ee	2**0
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
7	.debug_line	0000009c	00000000	00000000	0000020e	2**0
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
8	.debug_str	00000124	00000000	00000000	000002aa	2**0
		CONTENTS,	READONLY,	DEBUGGING,	OCTETS	
9	.comment	0000004a	00000000	00000000	000003ce	2**0
		CONTENTS,	READONLY			
10	.debug_frame	0000002c	00000000	00000000	00000418	2**2
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
11	.ARM.attributes	0000002e	00000000	00000000	00000444	2**0
		CONTENTS,	READONLY			

c) Startup.o:

Idx	Name	Size	VMA	LMA	File off	Algn
0	.text	00000090	00000000	00000000	00000034	2**2
		CONTENTS,	ALLOC,	LOAD,	RELOC,	READONLY,
1	.data	00000000	00000000	00000000	000000c4	2**0
		CONTENTS,	ALLOC,	LOAD,	DATA	
2	.bss	00000400	00000000	00000000	000000c4	2**2
		ALLOC				
3	.vectors	00000010	00000000	00000000	000000c4	2**2
		CONTENTS,	ALLOC,	LOAD,	RELOC,	READONLY,
4	.debug_info	0000018f	00000000	00000000	000000d4	2**0
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
5	.debug_abbrev	000000d4	00000000	00000000	00000263	2**0
		CONTENTS,	READONLY,	DEBUGGING,	OCTETS	
6	.debug_loc	0000007c	00000000	00000000	00000337	2**0
		CONTENTS,	READONLY,	DEBUGGING,	OCTETS	
7	.debug_aranges	00000020	00000000	00000000	000003b3	2**0
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
8	.debug_line	000000bd	00000000	00000000	000003d3	2**0
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
9	.debug_str	00000193	00000000	00000000	00000490	2**0
		CONTENTS,	READONLY,	DEBUGGING,	OCTETS	
10	.comment	0000004a	00000000	00000000	00000623	2**0
		CONTENTS,	READONLY			
11	.debug_frame	00000050	00000000	00000000	00000670	2**2
		CONTENTS,	RELOC,	READONLY,	DEBUGGING,	OCTETS
12	.ARM.attributes	0000002e	00000000	00000000	000006c0	2**0
		CONTENTS,	READONLY			

d) Unit3 lab4 cortexM4.elf:

Idx	Name	Size	VMA	LMA	File off	Algn
0	.text	00000128	00000000	00000000	00010000	2**2
1	.data	00000000	20000000	00000128	00020000	2**0
2	.bss	00000400	20000000	00000128	00020000	2**2
3	.debug_info	0000022b	00000000	00000000	00020000	2**0
4	.debug_abbrev	00000132	00000000	00000000	0002022b	2**0
5	.debug_loc	000000b4	00000000	00000000	0002035d	2**0
6	.debug_aranges	00000040	00000000	00000000	00020411	2**0
7	.debug_line	00000159	00000000	00000000	00020451	2**0
8	.debug_str	00000177	00000000	00000000	000205aa	2**0
9	.comment	00000049	00000000	00000000	00020721	2**0
10	.ARM.attributes	0000002e	00000000	00000000	0002076a	2**0
11	.debug_frame	0000007c	00000000	00000000	00020798	2**2