Object files for main and startup

Map file

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linker_script.ld   ×   Map_file.map — Lab_3_startupC   ×   Map_file.map — Lab_2_startupS   ×

```
52    .rel.dyn        0x08000190      0x0
53    .rel.iplt       0x00000000      0x0 main.o
54
55    .data           0x20000000      0x4 load address 0x08000190
56                    0x20000000          _S_data = .
57    *(.data)
58    .data           0x20000000      0x4 main.o
59                    0x20000000          g_variables
60    .data           0x20000004      0x0 startup.o
61                    0x20000004          . = ALIGN (0x4)
62                    0x20000004          _E_data = .
63
64    .igot.plt       0x20000004      0x0 load address 0x08000194
65    .igot.plt       0x00000000      0x0 main.o
66
67    .bss            0x20000004   0x1003 load address 0x08000194
68                    0x20000004          _S_bss = .
69    *(.bss)
70    .bss            0x20000004      0x0 main.o
71    .bss            0x20000004      0x0 startup.o
72                    0x20000004          _E_bss = .
73                    0x20000004          . = ALIGN (0x4)
74                    0x20001004          . = (. + 0x1000)
75    *fill*          0x20000004   0x1000
76                    0x20001004          _stack_top = .
77    COMMON          0x20001004      0x3 main.o
78                    0x20001004          x
79    LOAD main.o
80    LOAD startup.o
81    OUTPUT(ahmed_cortexM3.elf elf32-littlearm)
82
83    .debug_info     0x00000000    0x268
84    .debug_info     0x00000000     0xf2 main.o
85    .debug_info     0x000000f2    0x176 startup.o
86
87    .debug_abbrev   0x00000000    0x173
88    .debug_abbrev   0x00000000     0x9d main.o
89    .debug_abbrev   0x0000009d     0xd6 startup.o
90
91    .debug_loc      0x00000000     0x9c
92    .debug_loc      0x00000000     0x38 main.o
93    .debug_loc      0x00000038     0x64 startup.o
94
95    .debug_aranges  0x00000000     0x40
96    .debug_aranges
97                    0x00000000     0x20 main.o
98    .debug_aranges
99                    0x00000020     0x20 startup.o
100
101   .debug_line     0x00000000    0x149
102   .debug_line     0x00000000     0x9b main.o
```

Line 72, Column 21   main 29   Spaces: 4   Plain Text

```
85    .debug_info     0x000000f2    0x176 startup.o
86
87    .debug_abbrev   0x00000000    0x173
88    .debug_abbrev   0x00000000     0x9d main.o
89    .debug_abbrev   0x0000009d     0xd6 startup.o
90
91    .debug_loc      0x00000000     0x9c
92    .debug_loc      0x00000000     0x38 main.o
93    .debug_loc      0x00000038     0x64 startup.o
94
95    .debug_aranges  0x00000000     0x40
96    .debug_aranges
97                    0x00000000     0x20 main.o
98    .debug_aranges
99                    0x00000020     0x20 startup.o
100
101   .debug_line     0x00000000    0x149
102   .debug_line     0x00000000     0x9b main.o
103   .debug_line     0x0000009b     0xae startup.o
104
105   .debug_str      0x00000000    0x1ac
106   .debug_str      0x00000000    0x12c main.o
107                                 0x160 (size before relaxing)
108   .debug_str      0x0000012c     0x80 startup.o
109                                 0x1bd (size before relaxing)
110
111   .comment        0x00000000     0x11
112   .comment        0x00000000     0x11 main.o
113                                  0x12 (size before relaxing)
114   .comment        0x00000000     0x12 startup.o
115
116   .ARM.attributes
117                   0x00000000     0x33
118   .ARM.attributes
119                   0x00000000     0x33 main.o
120   .ARM.attributes
121                   0x00000033     0x33 startup.o
122
123   .debug_frame    0x00000000     0x78
124   .debug_frame    0x00000000     0x2c main.o
125   .debug_frame    0x0000002c     0x4c startup.o
126
```

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