```
Welcome to the Eklektik Design uComputer Monitor Program
3
    Select an option below:
4
    1) READ from ROM
5
    2) READ from RAM
6
    3) READ from Register
7
    4) WRITE to RAM
8
    5) WRITE to
                  Register
            E to S-Record
the S-Record
9
    6) WRITE to
10
    7) RUN
11
    Eklektik@uComp:~$ 1
12
    Please enter a valid 2 byte address: 1234
13
    Address Accepted!
14
15
    The memory contents at your selected index are: $67066100
16
17
18
    Welcome to the Eklektik Design uComputer Monitor Program
19
    Select an option below:
20
    1) READ from ROM
21
    2) READ from RAM
    3) READ from Register
22
    4) WRITE to
23
                 RAM
24
    5) WRITE to
                 Register
25
    6) WRITE to
                 S-Record
26
    7) RUN the S-Record
27
    Eklektik@uComp:~$ 2
28
    Please enter a valid 2 byte address: 1234
29
    Address Accepted!
30
31
    The memory contents at your selected index are: $F9AF977C
32
33
34
    Welcome to the Eklektik Design uComputer Monitor Program
35
    Select an option below:
36
    1) READ from ROM
    2) READ from RAM
37
    3) READ from Register
38
39
    4) WRITE to
                 RAM
                 Register
40
    5) WRITE to
    6) WRITE to
41
                  S-Record
            the S-Record
42
    7) RUN
43
    Eklektik@uComp:~$ 4
44
    Please enter a valid 2 byte address: 1234
45
    Address Accepted!
46
47
    Please enter the new data for this address: $12341234
48
49
50
    Welcome to the Eklektik Design uComputer Monitor Program
51
    Select an option below:
52
    1) READ from ROM
53
    2) READ from RAM
    3) READ from Register
54
    4) WRITE to
55
                 RAM
56
    5) WRITE to
                 Register
57
    6) WRITE to S-Record
58
             the S-Record
    7) RUN
59
    Eklektik@uComp:~$ 2
60
    Please enter a valid 2 byte address: 1234
61
    Address Accepted!
62
    The memory contents at your selected index are: $12341234
63
64
65
66
    Welcome to the Eklektik Design uComputer Monitor Program
67
    Select an option below:
68
    1) READ from ROM
69
    2) READ from RAM
70
    3) READ from Register
71
    4) WRITE to RAM
    5) WRITE to
                  Register
    6) WRITE to
                  S-Record
```

```
74
     7) RUN
             the S-Record
 75
     Eklektik@uComp:~$ 3
 76
     Please select a register (A0-A7, D0-D7): d6
 77
     The memory contents at your selected index are: $FFFFFFF
 78
 79
 80
     Welcome to the Eklektik Design uComputer Monitor Program
 81
     Select an option below:
 82
     1) READ from ROM
 83
     2) READ from RAM
 84
     3) READ from Register
                 RAM
 85
     4) WRITE to
     5) WRITE to
                  Register
 86
 87
     6) WRITE to
                  S-Record
              the S-Record
 88
     7) RUN
 89
     Eklektik@uComp:~$ 5
 90
     Please select a register (A0-A7, D0-D7): d6
 91
     Please enter the new data for this address: $12341234
 92
 93
 94
     Welcome to the Eklektik Design uComputer Monitor Program
 95
     Select an option below:
 96
     1) READ from ROM
 97
     2) READ from RAM
     3) READ from Register
 98
     4) WRITE to
 99
                 RAM
100
     5) WRITE to
                 Register
101
     6) WRITE to
                  S-Record
102
     7) RUN
              the S-Record
103
     Eklektik@uComp:~$ 3
104
     Please select a register (A0-A7, D0-D7): d6
105
     The memory contents at your selected index are: $12341234
106
107
108
     Welcome to the Eklektik Design uComputer Monitor Program
109
     Select an option below:
110
     1) READ from ROM
111
     2) READ from RAM
112
     3) READ from Register
113
     4) WRITE to
                 RAM
     5) WRITE to
114
                  Register
     6) WRITE to
115
                   S-Record
              the S-Record
116
     7) RUN
117
     Eklektik@uComp:~$ 6
118
     Please enter the S-record:
     004EB812304E75FFFF492D2B682E0D0A005F202020202049
119
120
121
     Welcome to the Eklektik Design uComputer Monitor Program
122
     Select an option below:
123
     1) READ from ROM
124
     2) READ from RAM
     3) READ from Register
125
     4) WRITE to
126
                 RAM
127
     5) WRITE to
                 Register
128
     6) WRITE to S-Record
129
     7) RUN
              the S-Record
130
     Eklektik@uComp:~$
131
     The input you submitted is invalid in this context.
132
133
134
     Welcome to the Eklektik Design uComputer Monitor Program
135
     Select an option below:
136
     1) READ from ROM
137
     2) READ from RAM
138
     3) READ from Register
139
     4) WRITE to RAM
     5) WRITE to
140
                  Register
141
     6) WRITE to
                   S-Record
            the S-Record
142
     7) RUN
143
     Eklektik@uComp:~$ 7
144
```

```
`dNmy/`
146
                                   .+ymNh+-
147
                                      `:sdNms/-
148
                      -+s
                                         -ohNNh+:
149
                   `:smNd.
                                           ./ymNdo/
150
                ./ymMMMh
                                              :sdNmy/-
                                                `-+hmNdo:
151
             `-odNMMMMMs
152
          153
                                                      `-odNmh+-
    154
                                                         ./vmNds:.
    smMMMMMMMMMmm: yMMMMMNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
155
                                                           .:sdNms
                   . MMMMMm-----
156
    mMMMMMMMMMMm-
                                                              : Mm
157
    mMMMMMMMMMMMd.
                   -MMMMMm
                                                               `Mm
                                                              `Mm
158
    mMMMMMMMMMy`
                   -MMMMMm
                                                              `Mm
159
    mMMMMMMMMMMs `
                   -MMMMMm
                                                              `Mm
160
    mMMMMMMMMMo
                   -MMMMMm
                                                              `Mm
161
                   -MMMMMMm
    mMMMMMMMN+
162
                                                              `Mm
                   -MMMMMm
    mMMMMMMN:
163
   mMMMMMN-
                   -MMMMMm
                                                              `Mm
164
   \mathsf{mMMMMMm} .
                   : MMMMMMm
                                                              : Mm
165
   mMMMMd`
                   :MMMMMMMNNNNNNNNNNNNNNNNNNNNNNNNNN
                                                              /MMm
166
    mMMMh `
                   \bigcircMMMm
167
    mMMs
                   sMMMMm
                                                          `hMMMMMm
168
   mMo
                   169
   mM`
                   :MMMMMMd
                                                          `dMMMMMm
170
   mM`
                   :MMMMMMd
                                                         .mMMMMMMm
171
                   :MMMMMMd
                                                        -mMMMMMMMm
172
    mM`
                                                       : NMMMMMMMm
                   : MMMMMMd
173
   mM`
                   :MMMMMMd
                                                      +NMMMMMMMMM+
174
   mM`
                   :MMMMMMd
                                                     OMMMMMMMMMm
                                                    `sMMMMMMMMMMm
175 mM`
                   :MMMMMMd
                   /MMMMMd-----`
                                                   `yMMMMMMMMMMMm
176 mM`
177
   dMms:.
                  `:sdNmh+-`
178
                   179
     `-+hmNdo:`
                  180
         .:sdNmy/.
                   -sssssssssssssssssssssss/ /NMMMMMMMds:.
181
             `-+hNNh+-`
                                               +NMMMMMmh+-
182
                                              oMMMNmy/.
               `./ymNds:.
                                             `sMNdo:
183
                  `:odNmy+.`
                                            `sh+-
184
                    `./ymNdo-`
                        :sdNmy/`
185
                           -+hNNh+.`
186
187
                             `:smNds
188
                                -+h.
189
190
    Welcome to the Eklektik Design uComputer Monitor Program
191
    Select an option below:
192
    1) READ from ROM
    2) READ from RAM
193
    3) READ from Register
194
195
    4) WRITE to RAM
    5) WRITE to
196
              Register
197
    6) WRITE to S-Record
198
    7) RUN the S-Record
199
   Eklektik@uComp:~$
200
201
    Welcome to the Eklektik Design uComputer Monitor Program
202 Select an option below:
203 1) READ from ROM
204 2) READ from RAM
205
   3) READ from Register
206
    4) WRITE to RAM
              Register
207
    5) WRITE to
208
    6) WRITE to S-Record
209
    7) RUN the S-Record
210
    Eklektik@uComp:~$ 1
211
    Please enter a valid 2 byte address: 1233
212
    The input you submitted is invalid in this context.
213
214
215
    Welcome to the Eklektik Design uComputer Monitor Program
216
    Select an option below:
217
    1) READ from ROM
```

145

```
218
      2) READ from RAM
219
      3) READ from Register
220
      4) WRITE to
                   RAM
221
      5) WRITE to
                   Register
      6) WRITE to
                   S-Record
222
223
      7) RUN
              the S-Record
224
      Eklektik@uComp:~$ 3
225
      Please select a register (A0-A7, D0-D7): w
      The input you submitted is invalid in this context.
226
227
228
229
      Welcome to the Eklektik Design uComputer Monitor Program
230
      Select an option below:
231
      1) READ from ROM
232
      2) READ from RAM3) READ from Register
233
      4) WRITE to
234
                   RAM
235
      5) WRITE to
                    Register
236
      6) WRITE to
                    S-Record
      7) RUN
              the S-Record
237
238
      Eklektik@uComp:~$ 6
239
      Please enter the S-record: 5
240
      The input you submitted is invalid in this context.
241
242
243
      Welcome to the Eklektik Design uComputer Monitor Program
244
      Select an option below:
245
      1) READ from ROM
246
      2) READ from RAM
247
      3) READ from Register
248
      4) WRITE to
                   RAM
      5) WRITE to Register
249
      6) WRITE to S-Record
250
251
              the S-Record
      7) RUN
252
      Eklektik@uComp:~$ 6
253
      Please enter the S-record: s205t
254
      The input you submitted is invalid in this context.
255
256
257
      Welcome to the Eklektik Design uComputer Monitor Program
258
      Select an option below:
      1) READ from ROM
2) READ from RAM
3) READ from Register
4) WRITE to RAM
259
260
261
262
      5) WRITE to
263
                    Register
      6) WRITE to
264
                    S-Record
      7) RUN the S-Record
265
266
      Eklektik@uComp:~$
```

267