```
At time = 0
  Elevator Floor: 2
   Elevator State: Up
    IR Sensor State: Sensor Off
    Door State: Closed
6
   Elevator Stop:
7
   Door Open Sig:
                   0
8
   Door Close Sig: 0
9
   Fire State:
10
   X20 register:
11
    Sound:
12
13
   At time = 1
14
  Elevator Floor:
                    2
  Elevator State: Up
15
  IR Sensor State: Sensor Off
16
  Door State:
17
                   Closed
18 Elevator Stop:
                   \cap
19 Door Open Sig:
                   Ω
20 Door Close Sig: 0
21 Fire State:
22 X20 register:
23 Sound:
24
25
   At time = 2
26 Elevator Floor: 2
   Elevator State: Up
27
28
  IR Sensor State: Sensor Off
29 Door State: Closed
30 Elevator Stop:
                  0
31 Door Open Sig:
                  0
32 Door Close Sig: 0
33 Fire State:
34 X20 register:
                  64
35
   Sound:
36
   At time = 3
37
38
  Elevator Floor:
39 Elevator State: Up
40 IR Sensor State: Sensor Off
41 Door State:
                Closed
42 Elevator Stop:
43 Door Open Sig:
44 Door Close Sig: 0
45 Fire State:
46 X20 register:
                    64
47 Sound:
48
49
   At time = 4
50 Elevator Floor: 2
51 Elevator State: Up
52 IR Sensor State: Sensor Off
53 Door State: Closed
54 Elevator Stop:
55 Door Open Sig:
56
  Door Close Sig: 0
  Fire State:
57
58
  X20 register:
                   64
59
   Sound:
                    0
60
61 At time = 5
62 Elevator Floor: 3
63 Elevator State: Up
64 IR Sensor State: Sensor Off
65 Door State:
                   Closed
66 Elevator Stop:
67 Door Open Sig:
68 Door Close Sig: 0
69 Fire State:
```

```
X20 register:
 71
     Sound:
 72
 73
     At time = 6
 74
     Elevator Floor: 3
 75
    Elevator State: Up
 76 IR Sensor State: Sensor Off
 77 Door State: Closed
 78 Elevator Stop:
                   1
 79 Door Open Sig:
 80 Door Close Sig: 0
 81 Fire State:
   X20 register:
 82
 83
    Sound:
 84
    At time = 7
 85
 86 Elevator Floor: 3
 87 Elevator State: Up
 88 IR Sensor State: Sensor Off
 89 Door State:
                   Closed
 90 Elevator Stop:
 91 Door Open Sig:
 92 Door Close Sig: 0
 93 Fire State:
 94 X20 register:
                    32
 95
    Sound:
                     0
 96
 97
   At time = 8
 98 Elevator Floor: 3
99 Elevator State: Up
100 IR Sensor State: Sensor Off
101 Door State: Closed
102 Elevator Stop:
103 Door Open Sig:
                    0
104 Door Close Sig: 0
105 Fire State:
   X20 register:
106
                    32
107
     Sound:
                     0
108
109 At time = 9
110 Elevator Floor: 3
111 Elevator State: Up
112 IR Sensor State: Sensor Off
113 Door State:
114 Elevator Stop:
115 Door Open Sig:
116 Door Close Sig: 0
   Fire State:
117
                    0
118 X20 register:
                    32
119
    Sound:
120
121 At time = 10
122 Elevator Floor: 3
123 Elevator State: Waiting
124 IR Sensor State: Sensor Off
125 Door State:
                   Latch and Sound
126 Elevator Stop:
                   Ω
127 Door Open Sig:
   Door Close Sig:
128
   Fire State:
129
130 X20 register:
                    16
131
   Sound:
132
133 At time = 11
134 Elevator Floor: 3
135 Elevator State: Waiting
136 IR Sensor State: Sensor Off
137 Door State: Latch and Sound
138 Elevator Stop:
```

```
139
     Door Open Sig:
140
   Door Close Sig: 1
141
     Fire State:
142
     X20 register:
                      16
143
     Sound:
144
145 At time = 12
146 Elevator Floor: 3
147 Elevator State: Waiting
148 IR Sensor State: Sensor Off
149 Door State:
                     Open
150 Elevator Stop:
151 Door Open Sig:
152 Door Close Sig: 1
153 Fire State:
    X20 register:
154
155
    Sound:
156
157 At time = 13
158 Elevator Floor: 3
159 Elevator State: Waiting
160 IR Sensor State: Person Walking
161 Door State:
                     Waiting for IR
162 Elevator Stop:
Door Open Sig: 1
164 Door Close Sig: 1
165 Fire State: 0
166 X20 register:
                     16
167
    Sound:
168
169 At time = 14
170 Elevator Floor: 3
171 Elevator State: Waiting
172 IR Sensor State: Person Walking
173 Door State:
                     Waiting for IR
174 Elevator Stop:
175 Door Open Sig:
176 Door Close Sig: 1
    Fire State:
177
178 X20 register:
                     16
179 Sound:
180
181 At time = 15
182 Elevator Floor: 3
183 Elevator State: Waiting
184 IR Sensor State: Person Walking
185 Door State:
                     Waiting for IR
186 Elevator Stop:
187
    Door Open Sig:
188 Door Close Sig: 1
189 Fire State:
190 X20 register:
                    16
191
     Sound:
192
193 At time = 16
194 Elevator Floor: 3
195 Elevator State: Waiting
   IR Sensor State: Person Walking
196
    Door State:
197
                     Waiting for IR
198
     Elevator Stop:
199 Door Open Sig:
                     1
200 Door Close Sig: 1
201 Fire State:
202 X20 register:
                     16
203 Sound:
204
205 At time = 17
206 Elevator Floor:
                     3
207 Elevator State: Waiting
```

```
IR Sensor State: Person Walking
208
209 Door State: Waiting for IR
210 Elevator Stop:
Door Open Sig: 1
Door Close Sig: 1
213 Fire State:
214 X20 register:
                       16
215 Sound:
216
217 At time = 18
218 Elevator Floor: 3
219 Elevator State: Waiting
220 IR Sensor State: Person Walking
221 Door State: Waiting for IR
222 Elevator Stop:
                      0
Door Close Sig: 1
225 Fire State:
226 X20 register:
                       16
227 Sound:
228
229 At time = 19
230 Elevator Floor: 3
231 Elevator State: Waiting
232 IR Sensor State: Person Walking
233 Door State: Waiting for IR
234 Elevator Stop: 0
235 Door Open Sig: 1
236 Door Close Sig: 1
237 Fire State: 0
238 X20 register:
                      16
239
     Sound:
240
241 At time = 20
242 Elevator Floor: 3
243 Elevator State: Waiting
IR Sensor State: Person Walking
Door State: Waiting for IR
246 Elevator Stop:
247 Door Open Sig:
                       1
248 Door Close Sig: 1
249 Fire State:
250 X20 register:
                      16
251 Sound:
252
253 At time = 21
254 Elevator Floor: 3
255 Elevator State: Waiting
256 IR Sensor State: Person Walking
257 Door State: Waiting for IR
258 Elevator Stop: 0
259 Door Open Sig: 1
260 Door Close Sig: 1
261 Fire State:
262 X20 register:
263 Sound:
264
265 At time = 22
266 Elevator Floor: 3
267 Elevator State: Waiting
268 IR Sensor State: Sensor Off
269 Door State:
                   Door Closing
270 Elevator Stop:
271 Door Open Sig: 1
272 Door Close Sig: 1
273 Fire State:
274 X20 register:
                      16
275
     Sound:
276
```

```
At time = 23
278 Elevator Floor:
279 Elevator State: Down
280
     IR Sensor State: Sensor Off
281
     Door State:
                    Closed
282
   Elevator Stop:
283 Door Open Sig:
                     0
284 Door Close Sig: 0
285 Fire State:
286 X20 register:
287
    Sound:
288
289
   At time = 24
290 Elevator Floor:
                     2
   Elevator State: Down
291
   IR Sensor State: Sensor Off
292
293 Door State:
                     Closed
294 Elevator Stop:
                     \cap
295 Door Open Sig:
                     0
296 Door Close Sig: 0
297 Fire State:
298 X20 register:
299 Sound:
300
301
    At time = 25
    Elevator Floor: 2
302
303 Elevator State: Down
304 IR Sensor State: Sensor Off
                 Closed
305 Door State:
306 Elevator Stop:
                     Ω
307 Door Open Sig:
                     0
308 Door Close Sig:
309 Fire State:
310 X20 register:
311
    Sound:
312
313
    At time = 26
314
    Elevator Floor:
315
    Elevator State: Down
316 IR Sensor State: Sensor Off
317 Door State:
                     Closed
318 Elevator Stop:
319 Door Open Sig:
320 Door Close Sig: 0
321 Fire State:
322 X20 register:
                     1
323 Sound:
324
    At time = 27
325
326 Elevator Floor: 2
327 Elevator State: Down
328 IR Sensor State: Sensor Off
329 Door State:
                 Closed
330 Elevator Stop:
331 Door Open Sig:
332
   Door Close Sig:
333 Fire State:
334
   X20 register:
335
    Sound:
336
    At time = 28
337
338
   Elevator Floor: 1
339 Elevator State: Down
340 IR Sensor State: Sensor Off
341 Door State:
                     Closed
342 Elevator Stop:
343 Door Open Sig:
344 Door Close Sig: 0
345 Fire State:
```

```
346
     X20 register:
347
    Sound:
348
349
     At time = 29
350 Elevator Floor: 1
351 Elevator State: Down
352 IR Sensor State: Sensor Off
353 Door State: Closed
354 Elevator Stop:
                   1
355 Door Open Sig:
356 Door Close Sig: 0
357 Fire State:
358 X20 register:
359
   Sound:
360
   At time = 30
361
362 Elevator Floor: 1
363 Elevator State: Down
364 IR Sensor State: Sensor Off
365 Door State:
                   Closed
366 Elevator Stop:
367 Door Open Sig:
368 Door Close Sig: 0
369 Fire State:
370 X20 register:
                     2
371
    Sound:
372
373 At time = 31
374 Elevator Floor: 1
375 Elevator State: Down
376 IR Sensor State: Sensor Off
377 Door State: Closed
378 Elevator Stop:
379 Door Open Sig:
                    0
380 Door Close Sig: 0
381 Fire State:
    X20 register:
382
383
    Sound:
384
385 At time = 32
386 Elevator Floor: 1
387 Elevator State: Down
388 IR Sensor State: Sensor Off
389 Door State:
390 Elevator Stop:
391 Door Open Sig:
392 Door Close Sig: 0
393 Fire State:
                     0
394 X20 register:
                     2
395
    Sound:
396
397 At time = 33
398 Elevator Floor: 1
399 Elevator State: Waiting
400 IR Sensor State: Sensor Off
401 Door State:
                   Latch and Sound
402
   Elevator Stop:
                   Ω
   Door Open Sig:
403
   Door Close Sig:
404
    Fire State:
405
406 X20 register:
                     4
407
    Sound:
408
409 At time = 34
410 Elevator Floor: 1
411 Elevator State: Waiting
412 IR Sensor State: Sensor Off
413 Door State: Latch and Sound
414 Elevator Stop:
```

```
415
     Door Open Sig:
416
   Door Close Sig: 1
417
    Fire State:
418
     X20 register:
                     4
419
     Sound:
420
421 At time = 35
422 Elevator Floor: 1
423 Elevator State: Waiting
424 IR Sensor State: Sensor Off
425 Door State:
                    Open
426 Elevator Stop:
427 Door Open Sig:
428 Door Close Sig: 1
429 Fire State:
430 X20 register:
431
   Sound:
432
433 At time = 36
434 Elevator Floor: 1
435 Elevator State: Waiting
436 IR Sensor State: Person Walking
437 Door State:
                    Waiting for IR
438 Elevator Stop:
439 Door Open Sig:
440 Door Close Sig: 1
441 Fire State:
442 X20 register:
                     4
443 Sound:
444
445 At time = 37
446 Elevator Floor: 1
447 Elevator State: Waiting
448 IR Sensor State: Person Walking
449 Door State:
                    Waiting for IR
450 Elevator Stop:
   Door Open Sig:
451
452
   Door Close Sig: 1
453 Fire State:
454 X20 register:
                     4
455 Sound:
456
457 At time = 38
458 Elevator Floor: 1
459 Elevator State: Waiting
460 IR Sensor State: Sensor Off
461 Door State:
                    Door Closing
462 Elevator Stop:
463 Door Open Sig:
464 Door Close Sig: 1
465 Fire State:
                     0
466 X20 register:
                     4
467
    Sound:
468
469 At time = 39
470 Elevator Floor: 2
471 Elevator State: Up
472
   IR Sensor State: Sensor Off
473 Door State:
                     Closed
    Elevator Stop:
474
475
   Door Open Sig:
476 Door Close Sig: 0
477 Fire State:
                     Ω
478 X20 register:
                     64
479
    Sound:
480
481 At time = 40
   Elevator Floor:
482
483 Elevator State: Up
```

```
484 IR Sensor State: Sensor Off
485 Door State: Closed
486 Elevator Stop:
487 Door Open Sig: 0
488 Door Close Sig: 0
489 Fire State:
490 X20 register:
                       64
491 Sound:
492
493 At time = 41
494 Elevator Floor: 2
495 Elevator State: Up
496 IR Sensor State: Sensor Off
497 Door State: Closed
498 Elevator Stop:
                     1
499 Door Open Sig: 0
500 Door Close Sig: 0
501 Fire State:
                       0
502 X20 register:
                       64
503 Sound:
                       0
504
505 At time = 42
506 Elevator Floor: 2
507 Elevator State: Up
508 IR Sensor State: Sensor Off
509 Door State:
                      Closed
510 Elevator Stop:
511 Door Open Sig:
                       0
512 Door Close Sig: 0
513 Fire State: 0
X20 register:
                      64
515 Sound:
516
517 At time = 43
518 Elevator Floor: 2
519 Elevator State: Up
520 IR Sensor State: Sensor Off
521 Door State: Closed
522 Elevator Stop: 1
523 Door Open Sig: 0
524 Door Close Sig: 0
525 Fire State: 0
526 X20 register:
                       64
527 Sound:
528
529 At time = 44
530 Elevator Floor: 2
531 Elevator State: Waiting
532 IR Sensor State: Sensor Off
533 Door State: Latch and Sound
534 Elevator Stop: 0
535 Door Open Sig: 1
536 Door Close Sig: 1
537 Fire State:
538 X20 register:
539 Sound:
540
541 At time = 45
542 Elevator Floor: 2
543 Elevator State: Waiting
544 IR Sensor State: Sensor Off
545 Door State: Latch and Sound
546 Elevator Stop:
547 Door Open Sig: 1
548 Door Close Sig: 1
549 Fire State:
550 X20 register:
                       64
551 Sound:
552
```

```
At time = 46
554 Elevator Floor: 2
555 Elevator State: Waiting
556
557
     IR Sensor State: Sensor Off
557
     Door State:
                    Open
558 Elevator Stop:
559 Door Open Sig:
                    1
560 Door Close Sig: 1
561 Fire State:
562 X20 register:
563 Sound:
564
565 At time = 47
566
   Elevator Floor:
                     2
   Elevator State: Waiting
567
   IR Sensor State: Person Walking
568
569 Door State:
                    Waiting for IR
570 Elevator Stop:
                     \cap
571 Door Open Sig:
                     1
572 Door Close Sig: 1
573 Fire State:
574 X20 register:
575 Sound:
576
577
    At time = 48
578 Elevator Floor: 2
579 Elevator State: Waiting
580 IR Sensor State: Person Walking
Door State:
                Waiting for IR
582 Elevator Stop:
583 Door Open Sig:
                    1
584 Door Close Sig: 1
585 Fire State:
586 X20 register:
                     64
587
    Sound:
588
    At time = 49
589
590 Elevator Floor: 2
591 Elevator State: Waiting
592 IR Sensor State: Sensor Off
593 Door State:
                    Door Closing
594 Elevator Stop:
595 Door Open Sig:
596 Door Close Sig: 1
597 Fire State:
598 X20 register:
                     64
    Sound:
599
600
    At time = 50
601
   Elevator Floor: 1
602
603 Elevator State: Down
604 IR Sensor State: Sensor Off
Door State:
                Closed
606 Elevator Stop:
607 Door Open Sig:
608 Door Close Sig:
609 Fire State:
610 X20 register:
611
     Sound:
612
613 At time = 51
614 Elevator Floor: 1
615 Elevator State: Down
616 IR Sensor State: Sensor Off
Door State:
                    Closed
618 Elevator Stop:
Door Open Sig:
620 Door Close Sig: 0
621 Fire State:
```

```
622
     X20 register:
623
    Sound:
624
625
     At time = 52
626
     Elevator Floor: 1
627
   Elevator State: Down
628 IR Sensor State: Sensor Off
629 Door State: Closed
630 Elevator Stop:
631 Door Open Sig:
632 Door Close Sig:
633 Fire State:
634 X20 register:
635
    Sound:
636
    At time = 53
637
   Elevator Floor: 1
638
639 Elevator State: Down
640 IR Sensor State: Sensor Off
Door State:
                    Closed
642 Elevator Stop:
643 Door Open Sig:
644 Door Close Sig: 0
645 Fire State:
646 X20 register:
                     4
    Sound:
647
648
   At time = 54
649
650 Elevator Floor: 1
651 Elevator State: Down
652 IR Sensor State: Sensor Off
Door State:
                Closed
654 Elevator Stop:
655 Door Open Sig:
                     0
656 Door Close Sig: 0
   Fire State:
657
    X20 register:
658
                     4
659
     Sound:
                     0
660
661 At time = 55
662 Elevator Floor: 0
663 Elevator State: Down
664 IR Sensor State: Sensor Off
665 Door State:
666 Elevator Stop:
667 Door Open Sig:
668 Door Close Sig: 0
669 Fire State:
                     0
870 X20 register:
671
    Sound:
672
673 At time = 56
674 Elevator Floor: 0
675 Elevator State: Down
676 IR Sensor State: Sensor Off
Door State:
                    Closed
678 Elevator Stop:
Door Open Sig:
                     0
680
   Door Close Sig:
681
     Fire State:
682
   X20 register:
683
    Sound:
684
685 At time = 57
686 Elevator Floor:
687 Elevator State: Down
688 IR Sensor State: Sensor Off
689 Door State:
                    Closed
690 Elevator Stop:
```

```
691
     Door Open Sig:
692
    Door Close Sig:
693
    Fire State:
694
     X20 register:
695
     Sound:
696
697
   At time = 58
698 Elevator Floor: 0
699 Elevator State: Down
700 IR Sensor State: Sensor Off
701 Door State:
                    Closed
702 Elevator Stop:
703 Door Open Sig:
                     0
704 Door Close Sig:
                     0
705 Fire State:
706
    X20 register:
707
     Sound:
708
709 At time = 59
710 Elevator Floor: 0
711 Elevator State: Down
712 IR Sensor State: Sensor Off
713 Door State:
                     Closed
714 Elevator Stop:
715 Door Open Sig:
716 Door Close Sig: 0
    Fire State:
717
718 X20 register:
                     8
719
    Sound:
720
721 At time = 60
722 Elevator Floor: 0
723 Elevator State: Waiting
724 IR Sensor State: Sensor Off
725 Door State:
                     Latch and Sound
726 Elevator Stop:
                     0
727
    Door Open Sig:
                     1
728
    Door Close Sig:
729 Fire State:
730 X20 register:
731 Sound:
732
733 At time = 61
734 Elevator Floor: 0
735 Elevator State: Waiting
736 IR Sensor State: Sensor Off
737 Door State:
                     Latch and Sound
738 Elevator Stop:
739 Door Open Sig: 1
740 Door Close Sig: 1
741 Fire State:
                     0
742 X20 register:
743
    Sound:
744
745 At time = 62
746 Elevator Floor: 0
747 Elevator State: Waiting
748 IR Sensor State: Sensor Off
749
    Door State:
                     Open
750
     Elevator Stop:
751 Door Open Sig:
                     1
752 Door Close Sig: 1
753 Fire State:
                     Λ
754 X20 register:
                     8
755 Sound:
                     1
756
757 At time = 63
758 Elevator Floor: 0
759 Elevator State: Waiting
```

```
760 IR Sensor State: Person Walking
761 Door State: Waiting for IR
762 Elevator Stop:
763 Door Open Sig: 1
764 Door Close Sig: 1
765 Fire State: 0
766 X20 register:
                          8
767
     Sound:
768
769 At time = 64
770 Elevator Floor: 0
771 Elevator State: Waiting
772 IR Sensor State: Person Walking
773 Door State: Waiting for IR
774 Elevator Stop:
775 Door Open Sig: 1
776 Door Close Sig: 1
777 Fire State: 0
778 X20 register:
                          8
779 Sound:
780
781 At time = 65
782 Elevator Floor: 0
783 Elevator State: Waiting
784 IR Sensor State: Sensor Off
784 IR Sensor State: Sensor Off
785 Door State: Door Closing
786 Elevator Stop: 0
787 Door Open Sig: 1
788 Door Close Sig: 1
789 Fire State: 0
790 X20 register:
791 Sound:
792
793 At time = 66
794 Elevator Floor: 0
795 Elevator Floor: 0
795 Elevator State: Waiting
796 IR Sensor State: Sensor Off
797 Door State: Closed
798 Elevator Stop: 0
799 Door Open Sig: 0
800 Door Close Sig: 0
801 Fire State:
802 X20 register:
803 Sound:
804
805 At time = 67
806 Elevator Floor: 0
807 Elevator State: Waiting
808 IR Sensor State: Sensor Off
809 Door State: Closed
810 Elevator Stop:
                        0
811 Door Open Sig:
                          0
812 Door Close Sig: 0
813 Fire State:
814 X20 register:
815 Sound:
816
817 At time = 68
818 Elevator Floor: 0
819 Elevator State: Waiting
820 IR Sensor State: Sensor Off
821 Door State:
                          Closed
822 Elevator Stop:
823 Door Open Sig:
824 Door Close Sig: 0
825 Fire State:
826 X20 register:
827
     Sound:
                          0
828
```

```
At time = 69
830 Elevator Floor: 0
831 Elevator State: Waiting
832
     IR Sensor State: Sensor Off
833
     Door State:
                     Closed
834 Elevator Stop:
835 Door Open Sig:
                      0
836 Door Close Sig: 0
837 Fire State:
838 X20 register:
839
    Sound:
840
841 At time = 70
   Elevator Floor: 0
842
843 Elevator State: Waiting
844 IR Sensor State: Sensor Off
845 Door State: Closed
846 Elevator Stop:
                      Ω
847 Door Open Sig:
                      0
848 Door Close Sig: 0
849 Fire State:
850 X20 register:
851 Sound:
852
853
    At time = 71
854 Elevator Floor: 0
855 Elevator State: Waiting
856 IR Sensor State: Sensor Off
857 Door State:
                  Closed
858 Elevator Stop:
                      0
859 Door Open Sig:
                      0
860 Door Close Sig: 0
861 Fire State:
862 X20 register:
863 Sound:
864
    At time = 72
865
866 Elevator Floor: 0
867 Elevator State: Waiting
868 IR Sensor State: Sensor Off
869 Door State:
                      Closed
870 Elevator Stop:
871 Door Open Sig:
872 Door Close Sig: 0
873 Fire State:
874 X20 register:
875 Sound:
876
877 At time = 73
878 Elevator Floor: 0
879 Elevator State: Waiting
880 IR Sensor State: Sensor Off
881 Door State:
                  Closed
882 Elevator Stop:
883 Door Open Sig:
884 Door Close Sig:
885 Fire State:
886
    X20 register:
887
     Sound:
                      0
888
889 At time = 74
890 Elevator Floor: 0
891 Elevator State: Waiting
892 IR Sensor State: Sensor Off
893 Door State:
                      Closed
894 Elevator Stop:
895 Door Open Sig:
896 Door Close Sig: 0
897 Fire State:
```

```
898
     X20 register:
899
    Sound:
900
901
     At time = 75
    Elevator Floor: 0
902
903 Elevator State: Waiting
904 IR Sensor State: Sensor Off
905 Door State: Closed
906 Elevator Stop:
907 Door Open Sig:
908 Door Close Sig: 0
909 Fire State:
910 X20 register:
911
   Sound:
912
913
   At time = 76
914 Elevator Floor: 0
915 Elevator State: Waiting
916 IR Sensor State: Sensor Off
917 Door State:
                   Closed
918 Elevator Stop:
919 Door Open Sig:
920 Door Close Sig: 0
921 Fire State:
922 X20 register:
                     8
923 Sound:
924
925 At time = 77
926 Elevator Floor: 0
927 Elevator State: Waiting
928 IR Sensor State: Sensor Off
929 Door State:
                Closed
930 Elevator Stop:
931 Door Open Sig:
                    0
932 Door Close Sig: 0
933 Fire State:
934 X20 register:
935
    Sound:
                     0
936
937 At time = 78
938 Elevator Floor: 0
939 Elevator State: Waiting
940 IR Sensor State: Sensor Off
941 Door State:
942 Elevator Stop:
943 Door Open Sig:
944 Door Close Sig: 0
945 Fire State:
                    0
946 X20 register:
947
    Sound:
948
949 At time = 79
950 Elevator Floor: 0
951 Elevator State: Waiting
952 IR Sensor State: Sensor Off
953 Door State:
                    Closed
954 Elevator Stop:
955 Door Open Sig:
                    0
   Door Close Sig: 0
956
    Fire State:
957
958
   X20 register:
959
    Sound:
960
961 At time = 80
962 Elevator Floor: 0
963 Elevator State: Waiting
964 IR Sensor State: Sensor Off
965 Door State: Closed
966 Elevator Stop:
```

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967
      Door Open Sig:
 968
    Door Close Sig: 0
 969 Fire State:
 970 X20 register:
 971
      Sound:
 972
 973 At time = 81
 974 Elevator Floor: 0
 975 Elevator State: Waiting
 976 IR Sensor State: Sensor Off
 977 Door State:
                   Closed
 978 Elevator Stop:
 979 Door Open Sig:
                       Ω
 980 Door Close Sig: 0
 981 Fire State:
     X20 register:
 982
 983
     Sound:
 984
 985 At time = 82
 986 Elevator Floor: 0
987 Elevator State: Waiting
988 IR Sensor State: Sensor Off
 989 Door State:
                     Closed
990 Elevator Stop:
991 Door Open Sig:
992 Door Close Sig: 0
993 Fire State: 0
994 X20 register: 8
 995
     Sound:
 996
 997 At time = 83
 998 Elevator Floor: 0
999 Elevator State: Waiting
1000 IR Sensor State: Sensor Off
1001 Door State: Closed
1002 Elevator Stop:
1003 Door Open Sig:
                     0
1004 Door Close Sig: 0
1005 Fire State:
1006 X20 register:
1007 Sound:
1008
1009 At time = 84
1010 Elevator Floor: 0
1011 Elevator State: Waiting
1012 IR Sensor State: Sensor Off
1013 Door State:
                       Closed
1014 Elevator Stop: 0
1015 Door Open Sig: 0
1016 Door Close Sig: 0
1017 Fire State:
                       0
1018 X20 register:
1019 Sound:
1020
1021 At time = 85
1022 Elevator Floor: 0
1023 Elevator State: Waiting
1024 IR Sensor State: Sensor Off
1025 Door State:
                       Closed
1026 Elevator Stop:
1027 Door Open Sig:
                       0
1028 Door Close Sig: 0
1029 Fire State:
1030 X20 register:
                       8
1031 Sound:
1032
1033 At time = 86
1034 Elevator Floor: 0
1035 Elevator State: Waiting
```

```
1036 IR Sensor State: Sensor Off
1037 Door State: Closed
1038 Elevator Stop:
1039 Door Open Sig: 0
1040 Door Close Sig: 0
1041 Fire State: 0
1042 X20 register:
1043 Sound:
1044
1045 At time = 87
1046 Elevator Floor: 0
1047 Elevator State: Waiting
1048 IR Sensor State: Sensor Off
1049 Door State: Closed
1050 Elevator Stop: 0
1051 Door Open Sig: 0
1052 Door Close Sig: 0
1053 Fire State: 0
1054 X20 register:
1055 Sound:
1056
1057 At time = 88
1058 Elevator Floor: 0
1059 Elevator State: Waiting
1060 IR Sensor State: Walting
1060 IR Sensor State: Sensor Off
1061 Door State: Closed
1062 Elevator Stop: 0
1063 Door Open Sig: 0
1064 Door Close Sig: 0
1065 Fire State: 0
1066 X20 register:
1067 Sound:
1068
1069 At time = 89
1070 Elevator Floor: 0
1071 Elevator State: Waiting
1072 IR Sensor State: Sensor Off
1073 Door State: Closed
1074 Elevator Stop: 0
1075 Door Open Sig: 0
1076 Door Close Sig: 0
1077 Fire State: 0
1078 X20 register:
1079 Sound:
1080
1081 At time = 90
1082 Elevator Floor: 0
1083 Elevator State: Waiting
1084 IR Sensor State: Sensor Off
1085 Door State: Closed
1086 Elevator Stop: 0
1087 Door Open Sig: 0
1088 Door Close Sig: 0
1089 Fire State: 0
1090 X20 register:
1091 Sound:
1092
1093 At time = 91
1094 Elevator Floor: 0
1095 Elevator State: Waiting
1096 IR Sensor State: Sensor Off
                        Closed
1097 Door State:
1098 Elevator Stop:
1099 Door Open Sig: 0
1100 Door Close Sig: 0
1101 Fire State: 0
1102 X20 register:
1103 Sound:
1104
```

```
1105 At time = 92
1106 Elevator Floor: 0
1107 Elevator State: Waiting
1108
      IR Sensor State: Sensor Off
1109 Door State:
1110 Elevator Stop:
                   Closed
1111 Door Open Sig:
                       0
1112 Door Close Sig: 0
1113 Fire State:
1114 X20 register:
1115 Sound:
1116
1117 At time = 93
1118 Elevator Floor: 0
1119 Elevator State: Waiting
1120 IR Sensor State: Sensor Off
1121 Door State: Closed
1122 Elevator Stop:
                        \cap
1123 Door Open Sig:
                        0
1124 Door Close Sig: 0
1125 Fire State:
1126 X20 register:
1127 Sound:
1128
1129 At time = 94
1130 Elevator Floor: 0
1131 Elevator State: Waiting
1132 IR Sensor State: Sensor Off
                   Closed
1133 Door State:
1134 Elevator Stop:
                      0
1135 Door Open Sig:
                        0
1136 Door Close Sig: 0
1137 Fire State:
1138 X20 register:
1139 Sound:
1140
1141
     At time = 95
1142 Elevator Floor: 1
1143 Elevator State: Up
1144 IR Sensor State: Sensor Off
1145 Door State:
                    Closed
1146 Elevator Stop:
1147 Door Open Sig:
1148 Door Close Sig: 0
1149 Fire State:
1150 X20 register:
                        64
1151 Sound:
1152
1153 At time = 96
1154 Elevator Floor: 1
1155 Elevator State: Up
1156 IR Sensor State: Sensor Off
1157 Door State:
                   Closed
1158 Elevator Stop:
1159 Door Open Sig:
1160 Door Close Sig: 0
1161 Fire State:
1162 X20 register:
     Sound:
1163
                        0
1164
1165 At time = 97
1166 Elevator Floor: 1
1167 Elevator State: Up
1168 IR Sensor State: Sensor Off
1169 Door State:
                       Closed
1170 Elevator Stop:
1171 Door Open Sig:
1172 Door Close Sig: 0
1173 Fire State:
```

```
X20 register:
1174
                        64
1175
      Sound:
1176
1177
      At time = 98
1178 Elevator Floor: 1
1179 Elevator State: Up
1180 IR Sensor State: Sensor Off
1181 Door State: Closed
1182 Elevator Stop: 0
1183 Door Open Sig: 0
1184 Door Close Sig: 0
1185 Fire State:
1186 X20 register:
1187 Sound:
1188
1189 At time = 99
1190 Elevator Floor: 1
1191 Elevator State: Up
1192 IR Sensor State: Sensor Off
1193 Door State: Closed
1194 Elevator Stop: 0
1195 Door Open Sig: 0
1196 Door Close Sig: 0
1197 Fire State:
1198 X20 register:
                       64
1199 Sound:
1200
1201 At time = 100
1202 Elevator Floor: 2
1203 Elevator State: Up
1204 IR Sensor State: Sensor Off
1205 Door State: Closed
1206 Elevator Stop: 1
1207 Door Open Sig: 0
1208 Door Close Sig: 0
1208 Dool 1.
1209 Fire State: 0
1211
     Sound:
1212
1213 At time = 101
1214 Elevator Floor: 2
1215 Elevator State: Up
1216 IR Sensor State: Sensor Off
1217 Door State: Closed
1218 Elevator Stop:
1219 Door Open Sig: 0
1220 Door Close Sig: 0
1221 Fire State: 0
1222 X20 register: 32
1223 Sound: 0
1224
1225 At time = 102
1226 Elevator Floor: 2
1227 Elevator State: Up
1228 IR Sensor State: Sensor Off
1229 Door State:
                    Closed
1230 Elevator Stop: 1
1231 Door Open Sig: 0
1232 Door Close Sig: 0
1233 Fire State: 0
1234 X20 register:
1235 Sound:
1236
1237 At time = 103
1238 Elevator Floor: 2
1239 Elevator State: Up
1240 IR Sensor State: Sensor Off
1241 Door State: Closed
1242 Elevator Stop:
```

```
1243 Door Open Sig:
1244 Door Close Sig: 0
1245 Fire State:
1246 X20 register:
1247 Sound:
                          32
1248
1249 At time = 104
1250 Elevator Floor: 2
1251 Elevator State: Up
1252 IR Sensor State: Sensor Off
1253 Door State: Closed
1254 Elevator Stop:
1255 Door Open Sig:
                       0
1256 Door Close Sig: 0
1257 Fire State: 0
1258 X20 register:
1259 Sound:
1260
1261 At time = 105
1262 Elevator Floor: 2
1263 Elevator State: Waiting
1264 IR Sensor State: Sensor Off
1265 Door State: Latch and Sound
1266 Elevator Stop: 0
1267 Door Open Sig: 1
1268 Door Close Sig: 1
1269 Fire State: 0
1270 X20 register: 32
1271 Sound:
1272
1273 At time = 106
1274 Elevator Floor: 2
1275 Elevator State: Waiting
1276 IR Sensor State: Sensor Off
1277 Door State: Latch and Sound
1278 Elevator Stop: 0
1279 Door Open Sig: 1
1280 Door Close Sig: 1
1281 Fire State:
1282 X20 register:
1283 Sound:
1284
1285 At time = 107
1286 Elevator Floor: 2
1287 Elevator State: Waiting
1288 IR Sensor State: Sensor Off
1289 Door State:
                         Open
1290 Elevator Stop: 0
1291 Door Open Sig: 1
1292 Door Close Sig: 1
1293 Fire State: 0
1294 X20 register:
1295 Sound:
1296
1297 At time = 108
1298 Elevator Floor: 2
1299 Elevator State: Waiting
1300 IR Sensor State: Person Walking
1301 Door State:
                         Waiting for IR
     Elevator Stop:
1302
1303 Door Open Sig:
                         1
1304 Door Close Sig: 1
1305 Fire State:
1306 X20 register:
                          32
1307 Sound:
1308
1309 At time = 109
1310 Elevator Floor: 2
1311 Elevator State: Waiting
```

```
1312 IR Sensor State: Person Walking
1313 Door State: Waiting for IR
1314 Elevator Stop: 0
1315 Door Open Sig: 1
1316 Door Close Sig: 1
1317 Fire State: 0
1318 X20 register:
1319 Sound:
1320
1321 At time = 110
1322 Elevator Floor: 2
1323 Elevator State: Waiting
1324 IR Sensor State: Sensor Off
1325 Door State: Door Closing
1326 Elevator Stop: 0
1326 Elevator Stop: 0
1327 Door Open Sig: 1
1328 Door Close Sig: 1
1329 Fire State:
1330 X20 register:
1331 Sound:
1332
1333 At time = 111
1334 Elevator Floor: 2
1335 Elevator State: Waiting
1336 IR Sensor State: Walting
1336 IR Sensor State: Sensor Off
1337 Door State: Closed
1338 Elevator Stop: 0
1339 Door Open Sig: 0
1340 Door Close Sig: 0
1341 Fire State: 0
1342 X20 register:
1343 Sound:
1344
1345 At time = 112
1346 Elevator Floor: 2
1347 Elevator State: Waiting
1348 IR Sensor State: Sensor Off
1349 Door State: Closed
1350 Elevator Stop: 0
1351 Door Open Sig: 0
1352 Door Close Sig: 0
1353 Fire State: 0
1354 X20 register:
1355 Sound:
1356
1357 At time = 113
1358 Elevator Floor: 2
1356 Elevator F1001. 2
1359 Elevator State: Waiting
1360 IR Sensor State: Sensor Off
1361 Door State: Closed
1362 Elevator Stop: 0
1363 Door Open Sig: 0
1364 Door Close Sig: 0
1365 Fire State: 0
1366 X20 register:
1367 Sound:
1368
1369 At time = 114
1370 Elevator Floor: 2
1371 Elevator State: Waiting
1372 IR Sensor State: Sensor Off
1373 Door State: Closed
1374 Elevator Stop:
1375 Door Open Sig: 0
1376 Door Close Sig: 0
1377 Fire State:
1378 X20 register:
1379 Sound:
1380
```

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1381 At time = 115
1382 Elevator Floor: 2
1383 Elevator State: Waiting
1384 IR Sensor State: Sensor Off
1385 Door State: Closed
1386 Elevator Stop:
1387 Door Open Sig:
                        0
1388 Door Close Sig: 0
1389 Fire State:
1390 X20 register:
1391 Sound:
1392
1393 At time = 116
1394 Elevator Floor: 2
1395 Elevator State: Waiting
1396 IR Sensor State: Sensor Off
1397 Door State: Closed
1398 Elevator Stop:
                        Ω
1399 Door Open Sig:
                        0
1400 Door Close Sig: 0
1401 Fire State:
1402 X20 register:
1403 Sound:
1404
1405 At time = 117
1406 Elevator Floor: 2
1407 Elevator State: Waiting
1408 IR Sensor State: Sensor Off
                    Closed
1409 Door State:
1410 Elevator Stop:
                      0
1411 Door Open Sig:
                        0
1412 Door Close Sig: 0
1413 Fire State:
1414 X20 register:
1415 Sound:
1416
1417
     At time = 118
1418 Elevator Floor: 2
1419 Elevator State: Waiting
1420 IR Sensor State: Sensor Off
1421 Door State:
                     Closed
1422 Elevator Stop:
1423 Door Open Sig:
1424 Door Close Sig: 0
1425 Fire State:
1426 X20 register:
                        32
1427 Sound:
1428
1429 At time = 119 1430 Elevator Floor: 2
1431 Elevator State: Waiting
1432 IR Sensor State: Sensor Off
1433 Door State:
                    Closed
1434 Elevator Stop:
1435 Door Open Sig:
1436 Door Close Sig: 0
1437 Fire State:
1438 X20 register:
     Sound:
1439
                        0
1440
1441 At time = 120
1442 Elevator Floor: 2
1443 Elevator State: Waiting
1444 IR Sensor State: Sensor Off
1445 Door State:
                        Closed
1446 Elevator Stop:
1447 Door Open Sig:
1448 Door Close Sig: 0
1449 Fire State:
```

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1450
      X20 register: 32
1451 Sound:
1452
1453
      At time = 121
1454 Elevator Floor: 2
1455 Elevator State: Waiting
1456 IR Sensor State: Sensor Off
1457 Door State: Closed
1458 Elevator Stop: 0
1459 Door Open Sig: 0
1460 Door Close Sig: 0
1461 Fire State:
1462 X20 register:
1463 Sound:
1464
1465 At time = 122
1466 Elevator Floor: 2
1467 Elevator State: Waiting
1468 IR Sensor State: Sensor Off
1469 Door State: Closed
1470 Elevator Stop: 0
1471 Door Open Sig: 0
1472 Door Close Sig: 0
1473 Fire State:
1474 X20 register: 1475 Sound:
                        32
1476
1477 At time = 123
1478 Elevator Floor: 2
1479 Elevator State: Waiting
1480 IR Sensor State: Sensor Off
1481 Door State: Closed
1482 Elevator Stop:
1483 Door Open Sig: 0
1484 Door Close Sig: 0
1485 Fire State: 0
1486 X20 register: 32
     Sound:
1487
                         0
1488
1489 At time = 124
1490 Elevator Floor: 2
1491 Elevator State: Waiting
1492 IR Sensor State: Sensor Off
1493 Door State: Closed
1494 Elevator Stop: 0
1495 Door Open Sig:
1496 Door Close Sig: 0
1497 Fire State: 0
1498 X20 register:
                        32
1499
     Sound:
1500
1501 At time = 125
1502 Elevator Floor: 2
1503 Elevator State: Waiting
1504 IR Sensor State: Sensor Off
1505 Door State:
                     Closed
1506 Elevator Stop:
1507 Door Open Sig:
                       0
1508 Door Close Sig: 0
1509 Fire State: 0
1510 X20 register: 32
1511 Sound:
1512
1513 At time = 126
1514 Elevator Floor: 2
1515 Elevator State: Waiting
1516 IR Sensor State: Sensor Off
1517 Door State: Closed
1518 Elevator Stop:
```

```
1519
     Door Open Sig:
1520 Door Close Sig: 0
1521 Fire State:
1522
     X20 register:
                        32
1523
      Sound:
1524
1525 At time = 127
1526 Elevator Floor: 2
1527 Elevator State: Waiting
1528 IR Sensor State: Sensor Off
1529 Door State: Closed
1530 Elevator Stop:
1531 Door Open Sig:
1532 Door Close Sig: 0
1533 Fire State:
1534 X20 register:
1535
     Sound:
1536
1537 At time = 128
1538 Elevator Floor: 2
1539 Elevator State: Waiting
1540 IR Sensor State: Sensor Off
1541 Door State: Closed
1542 Elevator Stop:
1543 Door Open Sig: 0
1544 Door Close Sig: 0
1545 Fire State: 0
1546 X20 register: 32
1547 Sound:
1548
1549 At time = 129
1550 Elevator Floor: 2
1551 Elevator State: Waiting
1552 IR Sensor State: Sensor Off
1553 Door State: Closed
1554 Elevator Stop:
1555 Door Open Sig:
                      0
1556 Door Close Sig: 0
1557 Fire State:
1558 X20 register:
1559 Sound:
1560
1561 At time = 130
1562 Elevator Floor: 2
1563 Elevator State: Waiting
1564 IR Sensor State: Sensor Off
1565 Door State:
                       Closed
1566 Elevator Stop: 0
1567 Door Open Sig: 0
1568 Door Close Sig: 0
1569 Fire State: 0
1570 X20 register:
1571 Sound:
1572
1573 At time = 131
1574 Elevator Floor: 2
1575 Elevator State: Waiting
1576 IR Sensor State: Sensor Off
1577 Door State:
                        Closed
1578 Elevator Stop:
1579 Door Open Sig:
                        0
1580 Door Close Sig: 0
1581 Fire State:
1582 X20 register:
                        32
1583 Sound:
1584
1585 At time = 132
1586 Elevator Floor: 2
1587 Elevator State: Waiting
```

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1588 IR Sensor State: Sensor Off
1589 Door State: Closed
1590 Elevator Stop:
1591 Door Open Sig: 0
1592 Door Close Sig: 0
1593 Fire State: 0
1594 X20 register:
1595 Sound:
1596
1597 At time = 133
1598 Elevator Floor: 2
1599 Elevator State: Waiting
1600 IR Sensor State: Sensor Off
1600 TR Sensor State. Sensor
1601 Door State: Closed
1602 Elevator Stop: 0
1603 Door Open Sig: 0
1604 Door Close Sig: 0
1605 Fire State: 0
1606 X20 register:
1607 Sound:
1608
1609 At time = 134
1610 Elevator Floor: 2
1611 Elevator State: Waiting
1612 IR Sensor State: Walting
1612 IR Sensor State: Sensor Off
1613 Door State: Closed
1614 Elevator Stop: 0
1615 Door Open Sig: 0
1616 Door Close Sig: 0
1617 Fire State: 0
1618 X20 register:
1619 Sound:
1620
1621 At time = 135
1622 Elevator Floor: 2
1623 Elevator Floor. 2
1623 Elevator State: Waiting
1624 IR Sensor State: Sensor Off
1625 Door State: Closed
1626 Elevator Stop: 0
1627 Door Open Sig: 0
1628 Door Close Sig: 0
1629 Fire State: 0
1630 X20 register:
1631 Sound:
1632
1633 At time = 136
1634 Elevator Floor: 2
1634 Elevator Floor: 2
1635 Elevator State: Waiting
1636 IR Sensor State: Sensor Off
1637 Door State: Closed
1638 Elevator Stop: 0
1639 Door Open Sig: 0
1640 Door Close Sig: 0
1641 Fire State: 0
1642 X20 register:
1643 Sound:
1644
1645 At time = 137
1646 Elevator Floor: 2
1647 Elevator State: Waiting
1648 IR Sensor State: Sensor Off
1649 Door State: Closed
1650 Elevator Stop: 0
1651 Door Open Sig: 0
1652 Door Close Sig: 0
1653 Fire State: 0
1654 X20 register:
1655 Sound:
1656
```

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1657 At time = 138
1658 Elevator Floor: 2
1659 Elevator State: Waiting
1660 IR Sensor State: Sensor
1661 Door State: Closed
1662 Elevator Stop: 0
       IR Sensor State: Sensor Off
1663 Door Open Sig:
                        0
1664 Door Close Sig: 0
1665 Fire State:
1666 X20 register:
1667 Sound:
1668
1669 At time = 139
1670 Elevator Floor: 2
1671 Elevator State: Waiting
1672 IR Sensor State: Sensor Off
1673 Door State: Closed
1674 Elevator Stop:
                         Ω
1675 Door Open Sig:
                         0
1676 Door Close Sig: 0
1677 Fire State:
1678 X20 register:
1679 Sound:
1680
1681 At time = 140
1682 Elevator Floor: 2
1683 Elevator State: Waiting
1684 IR Sensor State: Sensor Off
1685 Door State: Latch and Sound
1686 Elevator Stop:
1687 Door Open Sig:
                       1
1688 Door Close Sig: 1
1689 Fire State:
1690 X20 register:
                       32
1691 Sound:
1692
     At time = 141
1693
1694 Elevator Floor: 2
1695 Elevator State: Waiting
1696 IR Sensor State: Sensor Off
1697 Door State:
                    Latch and Sound
1698 Elevator Stop:
1699 Door Open Sig: 1
1700 Door Close Sig: 1
1701 Fire State:
1702 X20 register:
                        32
1703 Sound:
1704
1705 At time = 142
1706 Elevator Floor: 2
1707 Elevator State: Waiting
1708 IR Sensor State: Sensor Off
1709 Door State:
                    Open
1710 Elevator Stop:
1711 Door Open Sig:
1712 Door Close Sig: 1
1713 Fire State:
1714 X20 register:
1715
     Sound:
                         1
1716
1717 At time = 143
1718 Elevator Floor: 2
1719 Elevator State: Waiting
1720 IR Sensor State: Person Walking
1721 Door State:
                        Waiting for IR
1722 Elevator Stop:
1723 Door Open Sig:
1724 Door Close Sig: 1
1725 Fire State:
```

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1726
       X20 register: 32
1727
      Sound:
1728
1729
      At time = 144
1730 Elevator Floor: 2
1731 Elevator State: Waiting
1732 IR Sensor State: Person Walking
1733 Door State: Waiting for IR
1734 Elevator Stop: 0
1735 Door Open Sig:
1736 Door Close Sig: 1
1737 Fire State:
1738 X20 register:
1739 Sound:
                        0
1740
1741 At time = 145 1742 Elevator Floor: 2
1743 Elevator State: Waiting
1744 IR Sensor State: Sensor Off
1745 Door State: Door Closing
1746 Elevator Stop:
1747 Door Open Sig:
1748 Door Close Sig: 1
1749 Fire State:
1750 X20 register: 1751 Sound:
                       32
1752
1753 At time = 146
1754 Elevator Floor: 2
1755 Elevator State: Waiting
1756 IR Sensor State: Sensor Off
1757 Door State: Closed
1758 Elevator Stop:
1759 Door Open Sig:
                      0
1760 Door Close Sig: 0
1761 Fire State:
1762 X20 register:
                       32
1763
     Sound:
                        0
1764
1765 At time = 147
1766 Elevator Floor: 2
1767 Elevator State: Waiting
1768 IR Sensor State: Sensor Off
1769 Door State: Closed
1770 Elevator Stop:
1771 Door Open Sig: 0
1772 Door Close Sig: 0
1773 Fire State: 0
1774 X20 register: 32
                        32
1775
     Sound:
1776
1777 At time = 148
1778 Elevator Floor: 2
1779 Elevator State: Waiting
1780 IR Sensor State: Sensor Off
1781 Door State:
                      Closed
1782 Elevator Stop:
1783 Door Open Sig:
                      0
1784 Door Close Sig: 0
1785 Fire State: 0
1786 X20 register:
1787
     Sound:
1788
1789 At time = 149
1790 Elevator Floor: 2
1791 Elevator State: Waiting
1792 IR Sensor State: Sensor Off
1793 Door State: Closed
1794 Elevator Stop:
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1795
     Door Open Sig:
1796 Door Close Sig: 0
1797
     Fire State:
1798 X20 register:
                        32
1799
      Sound:
1800
1801 At time = 150
1802 Elevator Floor: 2
1803 Elevator State: Waiting
1804 IR Sensor State: Sensor Off
1805 Door State: Closed
1806 Elevator Stop:
1807 Door Open Sig:
1808 Door Close Sig: 0
1809 Fire State:
1810 X20 register:
1811
     Sound:
1812
1813 At time = 151
1814 Elevator Floor: 2
1815 Elevator State: Waiting
1816 IR Sensor State: Sensor Off
1817 Door State:
                      Closed
1818 Elevator Stop:
1819 Door Open Sig: 0
1820 Door Close Sig: 0
1821 Fire State: 0
1822 X20 register: 32
1823 Sound:
1824
1825 At time = 152
1826 Elevator Floor: 2
1827 Elevator State: Waiting
1828 IR Sensor State: Sensor Off
1829 Door State: Closed
1830 Elevator Stop: 0
1831 Door Open Sig: 0
1832 Door Close Sig: 0
1833 Fire State:
1834 X20 register:
1835 Sound:
1836
1837 At time = 153
1838 Elevator Floor: 2
1839 Elevator State: Waiting
1840 IR Sensor State: Sensor Off
1841 Door State:
                       Closed
1842 Elevator Stop: 0
1843 Door Open Sig: 0
1844 Door Close Sig: 0
1845 Fire State: 0
1846 X20 register:
1847 Sound:
1848
1849 At time = 154
1850 Elevator Floor: 2
1851 Elevator State: Waiting
1852 IR Sensor State: Sensor Off
1853 Door State:
                        Closed
1854 Elevator Stop:
1855 Door Open Sig:
                        0
1856 Door Close Sig: 0
1857 Fire State:
1858 X20 register:
                        32
1859 Sound:
1860
1861 At time = 155
     Elevator Floor: 2
1862
1863 Elevator State: Waiting
```

```
1864 IR Sensor State: Sensor Off
1865 Door State: Closed
1866 Elevator Stop: 0
1867 Door Open Sig: 0
1868 Door Close Sig: 0
1869 Fire State: 0
1870 X20 register: 32
1871 Sound:
1872
1873 At time = 156
1874 Elevator Floor: 2
1875 Elevator State: Waiting
1876 IR Sensor State: Sensor Off
1876 IR Sensor State: Sensor
1877 Door State: Closed
1878 Elevator Stop: 0
1879 Door Open Sig: 0
1880 Door Close Sig: 0
1881 Fire State: 0
1882 X20 register:
1883 Sound:
1884
1885 At time = 157
1886 Elevator Floor: 2
1887 Elevator State: Waiting
1888 IR Sensor State: Sensor Off
1889 Door State: Closed
1890 Elevator Stop: 0
1891 Door Open Sig: 0
1892 Door Close Sig: 0
1893 Fire State: 0
1894 X20 register:
1895 Sound:
1896
1897 At time = 158
1898 Elevator Floor: 2
1899 Elevator State: Waiting
1899 Elevator State: Waiting
1900 IR Sensor State: Sensor Off
1901 Door State: Closed
1902 Elevator Stop: 0
1903 Door Open Sig: 0
1904 Door Close Sig: 0
1905 Fire State: 0
1906 X20 register:
1907 Sound:
1908
1909 At time = 159
1910 Elevator Floor: 2
1910 Elevator F1001. 2
1911 Elevator State: Waiting
1912 IR Sensor State: Sensor Off
1913 Door State: Closed
1914 Elevator Stop: 0
1915 Door Open Sig: 0
1916 Door Close Sig: 0
1917 Fire State: 0
1918 X20 register:
1919 Sound:
1920
1921 At time = 160
1922 Elevator Floor: 2
1923 Elevator State: Waiting
1924 IR Sensor State: Sensor Off
1925 Door State: Closed
1926 Elevator Stop: 0
1927 Door Open Sig: 0
1928 Door Close Sig: 0
1929 Fire State: 0
1930 X20 register:
1931 Sound:
1932
```

```
1933 At time = 161
1934 Elevator Floor: 2
1935 Elevator State: Waiting
1936 IR Sensor St
1937 Door State:
       IR Sensor State: Sensor Off
                    Closed
1938 Elevator Stop:
1939 Door Open Sig:
                        0
1940 Door Close Sig: 0
1941 Fire State:
1942 X20 register:
1943 Sound:
1944
1945 At time = 162
1946 Elevator Floor: 2
1947 Elevator State: Waiting
1948 IR Sensor State: Sensor Off
1949 Door State: Closed
1950 Elevator Stop:
                        Ω
1951 Door Open Sig:
                        0
1952 Door Close Sig: 0
1953 Fire State:
1954 X20 register:
1955 Sound:
1956
1957
     At time = 163
1958 Elevator Floor: 2
1959 Elevator State: Waiting
1960 IR Sensor State: Sensor Off
                    Closed
1961 Door State:
1962 Elevator Stop:
                      0
1963 Door Open Sig:
                        0
1964 Door Close Sig: 0
1965 Fire State:
1966 X20 register:
1967 Sound:
1968
1969 At time = 164
1970 Elevator Floor: 2
1971 Elevator State: Waiting
1972 IR Sensor State: Sensor Off
1973 Door State:
                      Closed
1974 Elevator Stop:
1975 Door Open Sig:
1976 Door Close Sig: 0
1977 Fire State:
1978 X20 register:
                        32
1979 Sound:
1980
1981 At time = 165
1982 Elevator Floor: 2
1983 Elevator State: Waiting
1984 IR Sensor State: Sensor Off
1985 Door State:
                    Closed
1986 Elevator Stop:
1987 Door Open Sig:
1988 Door Close Sig: 0
1989 Fire State:
1990 X20 register:
1991
     Sound:
                        0
1992
1993 At time = 166
1994 Elevator Floor: 2
1995 Elevator State: Waiting
1996 IR Sensor State: Sensor Off
1997 Door State:
                        Closed
1998 Elevator Stop:
1999 Door Open Sig:
2000 Door Close Sig: 0
2001 Fire State:
```

```
2002
     X20 register: 32
2003
     Sound:
2004
2005
     At time = 167
2006 Elevator Floor: 2
2007 Elevator State: Waiting
2008 IR Sensor State: Sensor Off
2009 Door State: Closed
2010 Elevator Stop:
2011 Door Open Sig:
2012 Door Close Sig: 0
2013 Fire State:
2014 X20 register:
2015 Sound:
2016
2017 At time = 168
2018 Elevator Floor: 2
2019 Elevator State: Waiting
2020 IR Sensor State: Sensor Off
2021 Door State: Closed
2022 Elevator Stop:
2023 Door Open Sig: 0
2024 Door Close Sig: 0
2025 Fire State:
2026 X20 register: 2027 Sound:
                      32
2028
2029 At time = 169
2030 Elevator Floor: 2
2031 Elevator State: Waiting
2032 IR Sensor State: Sensor Off
2033 Door State: Closed
2034 Elevator Stop:
2035 Door Open Sig:
                     0
2036 Door Close Sig: 0
2037 Fire State: 0
2039
     Sound:
                       0
2040
2041 At time = 170
2042 Elevator Floor: 2
2043 Elevator State: Waiting
2044 IR Sensor State: Sensor Off
2045 Door State: Closed
2046 Elevator Stop:
2047 Door Open Sig:
2048 Door Close Sig: 0
2049 Fire State:
2050 X20 register:
                       0
                       32
2051 Sound:
2052
2053 At time = 171
2054 Elevator Floor: 2
2055 Elevator State: Waiting
2056 IR Sensor State: Sensor Off
2057 Door State:
                     Closed
2058 Elevator Stop:
2059 Door Open Sig:
                     0
2060 Door Close Sig: 0
2061 Fire State: 0
2062 X20 register: 32
2063 Sound:
2064
2065 At time = 172
2066 Elevator Floor: 2
2067 Elevator State: Waiting
2068 IR Sensor State: Sensor Off
2069 Door State: Closed
2070 Elevator Stop:
```

2071 2072 2073 2074 2075 2076	Door Open Sig: Door Close Sig: Fire State: X20 register: Sound:	0 0 0 32 0
2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087	At time = 173 Elevator Floor: Elevator State: IR Sensor State: Door State: Elevator Stop: Door Open Sig: Door Close Sig: Fire State: X20 register: Sound:	2
2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099	At time = 174 Elevator Floor: Elevator State: IR Sensor State: Door State: Elevator Stop: Door Open Sig: Door Close Sig: Fire State: X20 register: Sound:	Waiting