

```
1  At time = 0
2  Elevator Floor:  2
3  Elevator State:  Up
4  IR Sensor State: Sensor Off
5  Door State:      Closed
6  Elevator Stop:   0
7  Door Open Sig:   0
8  Door Close Sig:  0
9  Fire State:      0
10 X20 register:    64
11 Sound:          0
12
13 At time = 1
14 Elevator Floor:  2
15 Elevator State:  Up
16 IR Sensor State: Sensor Off
17 Door State:      Closed
18 Elevator Stop:   0
19 Door Open Sig:   0
20 Door Close Sig:  0
21 Fire State:      0
22 X20 register:    64
23 Sound:          0
24
25 At time = 2
26 Elevator Floor:  2
27 Elevator State:  Up
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:      0
34 X20 register:    64
35 Sound:          0
36
37 At time = 3
38 Elevator Floor:  2
39 Elevator State:  Up
40 IR Sensor State: Sensor Off
41 Door State:      Closed
42 Elevator Stop:   0
43 Door Open Sig:   0
44 Door Close Sig:  0
45 Fire State:      0
46 X20 register:    64
47 Sound:          0
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:   0
55 Door Open Sig:   0
56 Door Close Sig:  0
57 Fire State:      0
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:   1
67 Door Open Sig:   0
68 Door Close Sig:  0
69 Fire State:      0
```

```
70 X20 register: 16
71 Sound: 0
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: 0
80 Door Close Sig: 0
81 Fire State: 0
82 X20 register: 16
83 Sound: 0
84
85 At time = 7
86 Elevator Floor: 3
87 Elevator State: Up
88 IR Sensor State: Sensor Off
89 Door State: Closed
90 Elevator Stop: 1
91 Door Open Sig: 0
92 Door Close Sig: 0
93 Fire State: 0
94 X20 register: 16
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: 1
103 Door Open Sig: 0
104 Door Close Sig: 0
105 Fire State: 0
106 X20 register: 16
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: Closed
114 Elevator Stop: 1
115 Door Open Sig: 0
116 Door Close Sig: 0
117 Fire State: 0
118 X20 register: 16
119 Sound: 0
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: 0
127 Door Open Sig: 1
128 Door Close Sig: 1
129 Fire State: 0
130 X20 register: 16
131 Sound: 0
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: 0
```

139 Door Open Sig: 1
140 Door Close Sig: 1
141 Fire State: 0
142 X20 register: 16
143 Sound: 0
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: 0
151 Door Open Sig: 1
152 Door Close Sig: 1
153 Fire State: 0
154 X20 register: 16
155 Sound: 1
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: 0
163 Door Open Sig: 1
164 Door Close Sig: 1
165 Fire State: 0
166 X20 register: 16
167 Sound: 0
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: 0
175 Door Open Sig: 1
176 Door Close Sig: 1
177 Fire State: 0
178 X20 register: 16
179 Sound: 0
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: 0
187 Door Open Sig: 1
188 Door Close Sig: 1
189 Fire State: 0
190 X20 register: 16
191 Sound: 0
192
193 At time = 16
194 Elevator Floor: 3
195 Elevator State: Waiting
196 IR Sensor State: Person Walking
197 Door State: Waiting for IR
198 Elevator Stop: 0
199 Door Open Sig: 1
200 Door Close Sig: 1
201 Fire State: 0
202 X20 register: 16
203 Sound: 0
204
205 At time = 17
206 Elevator Floor: 3
207 Elevator State: Waiting

```
208 IR Sensor State: Person Walking
209 Door State:      Waiting for IR
210 Elevator Stop:   0
211 Door Open Sig:   1
212 Door Close Sig:  1
213 Fire State:      0
214 X20 register:    16
215 Sound:           0
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
223 Door Open Sig:   1
224 Door Close Sig:  1
225 Fire State:      0
226 X20 register:    16
227 Sound:           0
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:           0
240
241 At time = 20
242 Elevator Floor:   3
243 Elevator State:   Waiting
244 IR Sensor State: Person Walking
245 Door State:      Waiting for IR
246 Elevator Stop:   0
247 Door Open Sig:   1
248 Door Close Sig:  1
249 Fire State:      0
250 X20 register:    16
251 Sound:           0
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:      0
262 X20 register:    16
263 Sound:           0
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:   0
271 Door Open Sig:   1
272 Door Close Sig:  1
273 Fire State:      0
274 X20 register:    16
275 Sound:           0
276
```

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

```
346 X20 register: 4
347 Sound: 0
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: 0
356 Door Close Sig: 0
357 Fire State: 0
358 X20 register: 4
359 Sound: 0
360
361 At time = 30
362 Elevator Floor: 1
363 Elevator State: Down
364 IR Sensor State: Sensor Off
365 Door State: Closed
366 Elevator Stop: 1
367 Door Open Sig: 0
368 Door Close Sig: 0
369 Fire State: 0
370 X20 register: 4
371 Sound: 0
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: 1
379 Door Open Sig: 0
380 Door Close Sig: 0
381 Fire State: 0
382 X20 register: 4
383 Sound: 0
384
385 At time = 32
386 Elevator Floor: 1
387 Elevator State: Down
388 IR Sensor State: Sensor Off
389 Door State: Closed
390 Elevator Stop: 1
391 Door Open Sig: 0
392 Door Close Sig: 0
393 Fire State: 0
394 X20 register: 4
395 Sound: 0
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: 0
403 Door Open Sig: 1
404 Door Close Sig: 1
405 Fire State: 0
406 X20 register: 4
407 Sound: 0
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: 0
```

415 Door Open Sig: 1
416 Door Close Sig: 1
417 Fire State: 0
418 X20 register: 4
419 Sound: 0
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: 0
427 Door Open Sig: 1
428 Door Close Sig: 1
429 Fire State: 0
430 X20 register: 4
431 Sound: 1
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: 0
439 Door Open Sig: 1
440 Door Close Sig: 1
441 Fire State: 0
442 X20 register: 4
443 Sound: 0
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: 0
451 Door Open Sig: 1
452 Door Close Sig: 1
453 Fire State: 0
454 X20 register: 4
455 Sound: 0
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: 0
463 Door Open Sig: 1
464 Door Close Sig: 1
465 Fire State: 0
466 X20 register: 4
467 Sound: 0
468
469 At time = 39
470 Elevator Floor: 2
471 Elevator State: Up
472 IR Sensor State: Sensor Off
473 Door State: Closed
474 Elevator Stop: 1
475 Door Open Sig: 0
476 Door Close Sig: 0
477 Fire State: 0
478 X20 register: 64
479 Sound: 0
480
481 At time = 40
482 Elevator Floor: 2
483 Elevator State: Up

```
484   IR Sensor State: Sensor Off
485   Door State:      Closed
486   Elevator Stop:   1
487   Door Open Sig:   0
488   Door Close Sig:  0
489   Fire State:      0
490   X20 register:    64
491   Sound:           0
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:   1
511   Door Open Sig:   0
512   Door Close Sig:  0
513   Fire State:      0
514   X20 register:    64
515   Sound:           0
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:           0
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:      0
538   X20 register:    64
539   Sound:           0
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:   0
547   Door Open Sig:   1
548   Door Close Sig:  1
549   Fire State:      0
550   X20 register:    64
551   Sound:           0
552
```


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

```
622 X20 register: 2
623 Sound: 0
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: 0
631 Door Open Sig: 0
632 Door Close Sig: 0
633 Fire State: 0
634 X20 register: 2
635 Sound: 0
636
637 At time = 53
638 Elevator Floor: 1
639 Elevator State: Down
640 IR Sensor State: Sensor Off
641 Door State: Closed
642 Elevator Stop: 0
643 Door Open Sig: 0
644 Door Close Sig: 0
645 Fire State: 0
646 X20 register: 2
647 Sound: 0
648
649 At time = 54
650 Elevator Floor: 1
651 Elevator State: Down
652 IR Sensor State: Sensor Off
653 Door State: Closed
654 Elevator Stop: 0
655 Door Open Sig: 0
656 Door Close Sig: 0
657 Fire State: 0
658 X20 register: 2
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: Closed
666 Elevator Stop: 1
667 Door Open Sig: 0
668 Door Close Sig: 0
669 Fire State: 0
670 X20 register: 8
671 Sound: 0
672
673 At time = 56
674 Elevator Floor: 0
675 Elevator State: Down
676 IR Sensor State: Sensor Off
677 Door State: Closed
678 Elevator Stop: 1
679 Door Open Sig: 0
680 Door Close Sig: 0
681 Fire State: 0
682 X20 register: 8
683 Sound: 0
684
685 At time = 57
686 Elevator Floor: 0
687 Elevator State: Down
688 IR Sensor State: Sensor Off
689 Door State: Closed
690 Elevator Stop: 1
```

691 Door Open Sig: 0
692 Door Close Sig: 0
693 Fire State: 0
694 X20 register: 8
695 Sound: 0
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: 1
703 Door Open Sig: 0
704 Door Close Sig: 0
705 Fire State: 0
706 X20 register: 8
707 Sound: 0
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: 1
715 Door Open Sig: 0
716 Door Close Sig: 0
717 Fire State: 0
718 X20 register: 8
719 Sound: 0
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: 1
729 Fire State: 0
730 X20 register: 8
731 Sound: 0
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: 0
739 Door Open Sig: 1
740 Door Close Sig: 1
741 Fire State: 0
742 X20 register: 8
743 Sound: 0
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: 0
751 Door Open Sig: 1
752 Door Close Sig: 1
753 Fire State: 0
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:   0
763 Door Open Sig:   1
764 Door Close Sig:  1
765 Fire State:      0
766 X20 register:    8
767 Sound:           0
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:   0
775 Door Open Sig:   1
776 Door Close Sig:  1
777 Fire State:      0
778 X20 register:    8
779 Sound:           0
780
781 At time = 65
782 Elevator Floor:   0
783 Elevator State:   Waiting
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:    8
791 Sound:           0
792
793 At time = 66
794 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:      0
802 X20 register:    8
803 Sound:           0
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:      0
814 X20 register:    8
815 Sound:           0
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:   0
823 Door Open Sig:   0
824 Door Close Sig:  0
825 Fire State:      0
826 X20 register:    8
827 Sound:           0
828
```

829 At time = 69
830 Elevator Floor: 0
831 Elevator State: Waiting
832 IR Sensor State: Sensor Off
833 Door State: Closed
834 Elevator Stop: 0
835 Door Open Sig: 0
836 Door Close Sig: 0
837 Fire State: 0
838 X20 register: 8
839 Sound: 0
840
841 At time = 70
842 Elevator Floor: 0
843 Elevator State: Waiting
844 IR Sensor State: Sensor Off
845 Door State: Closed
846 Elevator Stop: 0
847 Door Open Sig: 0
848 Door Close Sig: 0
849 Fire State: 0
850 X20 register: 8
851 Sound: 0
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: 0
862 X20 register: 8
863 Sound: 0
864
865 At time = 72
866 Elevator Floor: 0
867 Elevator State: Waiting
868 IR Sensor State: Sensor Off
869 Door State: Closed
870 Elevator Stop: 0
871 Door Open Sig: 0
872 Door Close Sig: 0
873 Fire State: 0
874 X20 register: 8
875 Sound: 0
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: 0
883 Door Open Sig: 0
884 Door Close Sig: 0
885 Fire State: 0
886 X20 register: 8
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: 0
895 Door Open Sig: 0
896 Door Close Sig: 0
897 Fire State: 0

```
898 X20 register: 8
899 Sound: 0
900
901 At time = 75
902 Elevator Floor: 0
903 Elevator State: Waiting
904 IR Sensor State: Sensor Off
905 Door State: Closed
906 Elevator Stop: 0
907 Door Open Sig: 0
908 Door Close Sig: 0
909 Fire State: 0
910 X20 register: 8
911 Sound: 0
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: 0
919 Door Open Sig: 0
920 Door Close Sig: 0
921 Fire State: 0
922 X20 register: 8
923 Sound: 0
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: 0
931 Door Open Sig: 0
932 Door Close Sig: 0
933 Fire State: 0
934 X20 register: 8
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: Closed
942 Elevator Stop: 0
943 Door Open Sig: 0
944 Door Close Sig: 0
945 Fire State: 0
946 X20 register: 8
947 Sound: 0
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: 0
955 Door Open Sig: 0
956 Door Close Sig: 0
957 Fire State: 0
958 X20 register: 8
959 Sound: 0
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: 0
```

967 Door Open Sig: 0
968 Door Close Sig: 0
969 Fire State: 0
970 X20 register: 8
971 Sound: 0
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: 0
979 Door Open Sig: 0
980 Door Close Sig: 0
981 Fire State: 0
982 X20 register: 8
983 Sound: 0
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: 0
991 Door Open Sig: 0
992 Door Close Sig: 0
993 Fire State: 0
994 X20 register: 8
995 Sound: 0
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: 0
1003 Door Open Sig: 0
1004 Door Close Sig: 0
1005 Fire State: 0
1006 X20 register: 8
1007 Sound: 0
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: 8
1019 Sound: 0
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: 0
1027 Door Open Sig: 0
1028 Door Close Sig: 0
1029 Fire State: 0
1030 X20 register: 8
1031 Sound: 0
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: 0
1039 Door Open Sig: 0
1040 Door Close Sig: 0
1041 Fire State: 0
1042 X20 register: 8
1043 Sound: 0
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: 8
1055 Sound: 0
1056
1057 At time = 88
1058 Elevator Floor: 0
1059 Elevator State: Waiting
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: 8
1067 Sound: 0
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: 8
1079 Sound: 0
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: 8
1091 Sound: 0
1092
1093 At time = 91
1094 Elevator Floor: 0
1095 Elevator State: Waiting
1096 IR Sensor State: Sensor Off
1097 Door State: Closed
1098 Elevator Stop: 0
1099 Door Open Sig: 0
1100 Door Close Sig: 0
1101 Fire State: 0
1102 X20 register: 8
1103 Sound: 0
1104

1105 At time = 92
1106 Elevator Floor: 0
1107 Elevator State: Waiting
1108 IR Sensor State: Sensor Off
1109 Door State: Closed
1110 Elevator Stop: 0
1111 Door Open Sig: 0
1112 Door Close Sig: 0
1113 Fire State: 0
1114 X20 register: 8
1115 Sound: 0
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: 0
1123 Door Open Sig: 0
1124 Door Close Sig: 0
1125 Fire State: 0
1126 X20 register: 8
1127 Sound: 0
1128
1129 At time = 94
1130 Elevator Floor: 0
1131 Elevator State: Waiting
1132 IR Sensor State: Sensor Off
1133 Door State: Closed
1134 Elevator Stop: 0
1135 Door Open Sig: 0
1136 Door Close Sig: 0
1137 Fire State: 0
1138 X20 register: 8
1139 Sound: 0
1140
1141 At time = 95
1142 Elevator Floor: 0
1143 Elevator State: Waiting
1144 IR Sensor State: Sensor Off
1145 Door State: Closed
1146 Elevator Stop: 0
1147 Door Open Sig: 0
1148 Door Close Sig: 0
1149 Fire State: 0
1150 X20 register: 8
1151 Sound: 0
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: 0
1159 Door Open Sig: 0
1160 Door Close Sig: 0
1161 Fire State: 0
1162 X20 register: 128
1163 Sound: 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: 0
1171 Door Open Sig: 0
1172 Door Close Sig: 0
1173 Fire State: 0

```
1174 X20 register: 128
1175 Sound: 0
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: 0
1186 X20 register: 128
1187 Sound: 0
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: 0
1198 X20 register: 128
1199 Sound: 0
1200
1201 At time = 100
1202 Elevator Floor: 1
1203 Elevator State: Up
1204 IR Sensor State: Sensor Off
1205 Door State: Closed
1206 Elevator Stop: 0
1207 Door Open Sig: 0
1208 Door Close Sig: 0
1209 Fire State: 0
1210 X20 register: 128
1211 Sound: 0
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: 1
1219 Door Open Sig: 0
1220 Door Close Sig: 0
1221 Fire State: 0
1222 X20 register: 64
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: 64
1235 Sound: 0
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: 1
```

1243 Door Open Sig: 0
1244 Door Close Sig: 0
1245 Fire State: 0
1246 X20 register: 64
1247 Sound: 0
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: 1
1255 Door Open Sig: 0
1256 Door Close Sig: 0
1257 Fire State: 0
1258 X20 register: 64
1259 Sound: 0
1260
1261 At time = 105
1262 Elevator Floor: 2
1263 Elevator State: Up
1264 IR Sensor State: Sensor Off
1265 Door State: Closed
1266 Elevator Stop: 1
1267 Door Open Sig: 0
1268 Door Close Sig: 0
1269 Fire State: 0
1270 X20 register: 64
1271 Sound: 0
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: 0
1282 X20 register: 32
1283 Sound: 0
1284
1285 At time = 107
1286 Elevator Floor: 2
1287 Elevator State: Waiting
1288 IR Sensor State: Sensor Off
1289 Door State: Latch and Sound
1290 Elevator Stop: 0
1291 Door Open Sig: 1
1292 Door Close Sig: 1
1293 Fire State: 0
1294 X20 register: 32
1295 Sound: 0
1296
1297 At time = 108
1298 Elevator Floor: 2
1299 Elevator State: Waiting
1300 IR Sensor State: Sensor Off
1301 Door State: Open
1302 Elevator Stop: 0
1303 Door Open Sig: 1
1304 Door Close Sig: 1
1305 Fire State: 0
1306 X20 register: 32
1307 Sound: 1
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: 32
1319 Sound: 0
1320
1321 At time = 110
1322 Elevator Floor: 2
1323 Elevator State: Waiting
1324 IR Sensor State: Person Walking
1325 Door State: Waiting for IR
1326 Elevator Stop: 0
1327 Door Open Sig: 1
1328 Door Close Sig: 1
1329 Fire State: 0
1330 X20 register: 32
1331 Sound: 0
1332
1333 At time = 111
1334 Elevator Floor: 2
1335 Elevator State: Waiting
1336 IR Sensor State: Sensor Off
1337 Door State: Door Closing
1338 Elevator Stop: 0
1339 Door Open Sig: 1
1340 Door Close Sig: 1
1341 Fire State: 0
1342 X20 register: 32
1343 Sound: 0
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: 32
1355 Sound: 0
1356
1357 At time = 113
1358 Elevator Floor: 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: 32
1367 Sound: 0
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: 0
1375 Door Open Sig: 0
1376 Door Close Sig: 0
1377 Fire State: 0
1378 X20 register: 32
1379 Sound: 0
1380

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: 0
1387 Door Open Sig: 0
1388 Door Close Sig: 0
1389 Fire State: 0
1390 X20 register: 32
1391 Sound: 0
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: 0
1399 Door Open Sig: 0
1400 Door Close Sig: 0
1401 Fire State: 0
1402 X20 register: 32
1403 Sound: 0
1404
1405 At time = 117
1406 Elevator Floor: 2
1407 Elevator State: Waiting
1408 IR Sensor State: Sensor Off
1409 Door State: Closed
1410 Elevator Stop: 0
1411 Door Open Sig: 0
1412 Door Close Sig: 0
1413 Fire State: 0
1414 X20 register: 32
1415 Sound: 0
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: 0
1423 Door Open Sig: 0
1424 Door Close Sig: 0
1425 Fire State: 0
1426 X20 register: 32
1427 Sound: 0
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: 0
1435 Door Open Sig: 0
1436 Door Close Sig: 0
1437 Fire State: 0
1438 X20 register: 32
1439 Sound: 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: 0
1447 Door Open Sig: 0
1448 Door Close Sig: 0
1449 Fire State: 0

1450 X20 register: 32
1451 Sound: 0
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: 0
1462 X20 register: 32
1463 Sound: 0
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: 0
1474 X20 register: 32
1475 Sound: 0
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: 0
1483 Door Open Sig: 0
1484 Door Close Sig: 0
1485 Fire State: 0
1486 X20 register: 32
1487 Sound: 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: 0
1496 Door Close Sig: 0
1497 Fire State: 0
1498 X20 register: 32
1499 Sound: 0
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: 0
1507 Door Open Sig: 0
1508 Door Close Sig: 0
1509 Fire State: 0
1510 X20 register: 32
1511 Sound: 0
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: 0

1519 Door Open Sig: 0
1520 Door Close Sig: 0
1521 Fire State: 0
1522 X20 register: 32
1523 Sound: 0
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: 0
1531 Door Open Sig: 0
1532 Door Close Sig: 0
1533 Fire State: 0
1534 X20 register: 32
1535 Sound: 0
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: 0
1543 Door Open Sig: 0
1544 Door Close Sig: 0
1545 Fire State: 0
1546 X20 register: 32
1547 Sound: 0
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: 0
1555 Door Open Sig: 0
1556 Door Close Sig: 0
1557 Fire State: 0
1558 X20 register: 32
1559 Sound: 0
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: 32
1571 Sound: 0
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: 0
1579 Door Open Sig: 0
1580 Door Close Sig: 0
1581 Fire State: 0
1582 X20 register: 32
1583 Sound: 0
1584
1585 At time = 132
1586 Elevator Floor: 2
1587 Elevator State: Waiting

```
1588   IR Sensor State: Sensor Off
1589   Door State:      Closed
1590   Elevator Stop:    0
1591   Door Open Sig:    0
1592   Door Close Sig:   0
1593   Fire State:       0
1594   X20 register:     32
1595   Sound:            0
1596
1597   At time = 133
1598   Elevator Floor:   2
1599   Elevator State:    Waiting
1600   IR Sensor State:  Sensor Off
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:     32
1607   Sound:            0
1608
1609   At time = 134
1610   Elevator Floor:   2
1611   Elevator State:    Waiting
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:     32
1619   Sound:            0
1620
1621   At time = 135
1622   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:     32
1631   Sound:            0
1632
1633   At time = 136
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:     32
1643   Sound:            0
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:     32
1655   Sound:            0
1656
```



```
1657   At time = 138
1658   Elevator Floor:  2
1659   Elevator State:  Waiting
1660   IR Sensor State: Sensor Off
1661   Door State:      Closed
1662   Elevator Stop:   0
1663   Door Open Sig:    0
1664   Door Close Sig:  0
1665   Fire State:       0
1666   X20 register:     32
1667   Sound:            0
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:   0
1675   Door Open Sig:    0
1676   Door Close Sig:  0
1677   Fire State:       0
1678   X20 register:     32
1679   Sound:            0
1680
1681   At time = 140
1682   Elevator Floor:  2
1683   Elevator State:  Waiting
1684   IR Sensor State: Sensor Off
1685   Door State:      Closed
1686   Elevator Stop:   0
1687   Door Open Sig:    0
1688   Door Close Sig:  0
1689   Fire State:       0
1690   X20 register:     32
1691   Sound:            0
```