

Traffic Light Controller

```
from machine import Pin
from time import sleep
```

```
red = Pin(1,Pin.OUT)
amber = Pin(5,Pin.OUT)
green = Pin(9,Pin.OUT)
```

```
red.on()
sleep(1)
red.off()
sleep(1)
amber.on()
sleep(1)
amber.off()
sleep(1)
green.on()
sleep(1)
green.off()
```

```
while True:
    red.on()
    sleep(1)
    amber.on()
    sleep(1)
    green.on()
    sleep(1)
    red.off()
    sleep(1)
    amber.off()
    sleep(1)
    green.off()
```

main.py diagram.json

```

1
2 from machine import Pin
3 from time import sleep
4
5 red = Pin(1,Pin.OUT)
6 amber = Pin(5,Pin.OUT)
7 green = Pin(9,Pin.OUT)
8
9 red.on()
10 sleep(1)
11 red.off()
12 sleep(1)
13 amber.on()
14 sleep(1)
15 amber.off()
16 sleep(1)
17 green.on()
18 sleep(1)
19 green.off()
20
21 while True:
22     red.on()
23     sleep(1)
24     amber.on()
25     sleep(1)
26     green.on()
27     sleep(1)
28     red.off()
29     sleep(1)
30     amber.off()
31     green.off()
32     sleep(1)
33     red.on()
34     sleep(1)
35     amber.on()
36     sleep(1)
37     green.on()
38     sleep(1)
39     red.off()
40     sleep(1)
41     amber.off()
42     green.off()
43     sleep(1)
44     red.on()
45     sleep(1)
46     amber.on()
47     sleep(1)
48     green.on()
49     sleep(1)
50     red.off()
51     sleep(1)
52     amber.off()
53     green.off()
54     sleep(1)
55     red.on()
56     sleep(1)
57     amber.on()
58     sleep(1)
59     green.on()
60     sleep(1)
61     red.off()
62     sleep(1)
63     amber.off()
64     green.off()
65     sleep(1)
66     red.on()
67     sleep(1)
68     amber.on()
69     sleep(1)
70     green.on()
71     sleep(1)
72     red.off()
73     sleep(1)
74     amber.off()
75     green.off()
76     sleep(1)
77     red.on()
78     sleep(1)
79     amber.on()
80     sleep(1)
81     green.on()
82     sleep(1)
83     red.off()
84     sleep(1)
85     amber.off()
86     green.off()
87     sleep(1)
88     red.on()
89     sleep(1)
90     amber.on()
91     sleep(1)
92     green.on()
93     sleep(1)
94     red.off()
95     sleep(1)
96     amber.off()
97     green.off()
98     sleep(1)
99     red.on()
100    sleep(1)
101    amber.on()
102    sleep(1)
103    green.on()
104    sleep(1)
105    red.off()
106    sleep(1)
107    amber.off()
108    green.off()
109    sleep(1)
110    red.on()
111    sleep(1)
112    amber.on()
113    sleep(1)
114    green.on()
115    sleep(1)
116    red.off()
117    sleep(1)
118    amber.off()
119    green.off()
120    sleep(1)
121    red.on()
122    sleep(1)
123    amber.on()
124    sleep(1)
125    green.on()
126    sleep(1)
127    red.off()
128    sleep(1)
129    amber.off()
130    green.off()
131    sleep(1)
132    red.on()
133    sleep(1)
134    amber.on()
135    sleep(1)
136    green.on()
137    sleep(1)
138    red.off()
139    sleep(1)
140    amber.off()
141    green.off()
142    sleep(1)
143    red.on()
144    sleep(1)
145    amber.on()
146    sleep(1)
147    green.on()
148    sleep(1)
149    red.off()
150    sleep(1)
151    amber.off()
152    green.off()
153    sleep(1)
154    red.on()
155    sleep(1)
156    amber.on()
157    sleep(1)
158    green.on()
159    sleep(1)
160    red.off()
161    sleep(1)
162    amber.off()
163    green.off()
164    sleep(1)
165    red.on()
166    sleep(1)
167    amber.on()
168    sleep(1)
169    green.on()
170    sleep(1)
171    red.off()
172    sleep(1)
173    amber.off()
174    green.off()
175    sleep(1)
176    red.on()
177    sleep(1)
178    amber.on()
179    sleep(1)
180    green.on()
181    sleep(1)
182    red.off()
183    sleep(1)
184    amber.off()
185    green.off()
186    sleep(1)
187    red.on()
188    sleep(1)
189    amber.on()
190    sleep(1)
191    green.on()
192    sleep(1)
193    red.off()
194    sleep(1)
195    amber.off()
196    green.off()
197    sleep(1)
198    red.on()
199    sleep(1)
200    amber.on()
201    sleep(1)
202    green.on()
203    sleep(1)
204    red.off()
205    sleep(1)
206    amber.off()
207    green.off()
208    sleep(1)
209    red.on()
210    sleep(1)
211    amber.on()
212    sleep(1)
213    green.on()
214    sleep(1)
215    red.off()
216    sleep(1)
217    amber.off()
218    green.off()
219    sleep(1)
220    red.on()
221    sleep(1)
222    amber.on()
223    sleep(1)
224    green.on()
225    sleep(1)
226    red.off()
227    sleep(1)
228    amber.off()
229    green.off()
230    sleep(1)
231    red.on()
232    sleep(1)
233    amber.on()
234    sleep(1)
235    green.on()
236    sleep(1)
237    red.off()
238    sleep(1)
239    amber.off()
240    green.off()
241    sleep(1)
242    red.on()
243    sleep(1)
244    amber.on()
245    sleep(1)
246    green.on()
247    sleep(1)
248    red.off()
249    sleep(1)
250    amber.off()
251    green.off()
252    sleep(1)
253    red.on()
254    sleep(1)
255    amber.on()
256    sleep(1)
257    green.on()
258    sleep(1)
259    red.off()
260    sleep(1)
261    amber.off()
262    green.off()
263    sleep(1)
264    red.on()
265    sleep(1)
266    amber.on()
267    sleep(1)
268    green.on()
269    sleep(1)
270    red.off()
271    sleep(1)
272    amber.off()
273    green.off()
274    sleep(1)
275    red.on()
276    sleep(1)
277    amber.on()
278    sleep(1)
279    green.on()
280    sleep(1)
281    red.off()
282    sleep(1)
283    amber.off()
284    green.off()
285    sleep(1)
286    red.on()
287    sleep(1)
288    amber.on()
289    sleep(1)
290    green.on()
291    sleep(1)
292    red.off()
293    sleep(1)
294    amber.off()
295    green.off()
296    sleep(1)
297    red.on()
298    sleep(1)
299    amber.on()
300    sleep(1)
301    green.on()
302    sleep(1)
303    red.off()
304    sleep(1)
305    amber.off()
306    green.off()
307    sleep(1)
308    red.on()
309    sleep(1)
310    amber.on()
311    sleep(1)
312    green.on()
313    sleep(1)
314    red.off()
315    sleep(1)
316    amber.off()
317    green.off()
318    sleep(1)
319    red.on()
320    sleep(1)
321    amber.on()
322    sleep(1)
323    green.on()
324    sleep(1)
325    red.off()
326    sleep(1)
327    amber.off()
328    green.off()
329    sleep(1)
330    red.on()
331    sleep(1)
332    amber.on()
333    sleep(1)
334    green.on()
335    sleep(1)
336    red.off()
337    sleep(1)
338    amber.off()
339    green.off()
340    sleep(1)
341    red.on()
342    sleep(1)
343    amber.on()
344    sleep(1)
345    green.on()
346    sleep(1)
347    red.off()
348    sleep(1)
349    amber.off()
350    green.off()
351    sleep(1)
352    red.on()
353    sleep(1)
354    amber.on()
355    sleep(1)
356    green.on()
357    sleep(1)
358    red.off()
359    sleep(1)
360    amber.off()
361    green.off()
362    sleep(1)
363    red.on()
364    sleep(1)
365    amber.on()
366    sleep(1)
367    green.on()
368    sleep(1)
369    red.off()
370    sleep(1)
371    amber.off()
372    green.off()
373    sleep(1)
374    red.on()
375    sleep(1)
376    amber.on()
377    sleep(1)
378    green.on()
379    sleep(1)
380    red.off()
381    sleep(1)
382    amber.off()
383    green.off()
384    sleep(1)
385    red.on()
386    sleep(1)
387    amber.on()
388    sleep(1)
389    green.on()
390    sleep(1)
391    red.off()
392    sleep(1)
393    amber.off()
394    green.off()
395    sleep(1)
396    red.on()
397    sleep(1)
398    amber.on()
399    sleep(1)
400    green.on()
401    sleep(1)
402    red.off()
403    sleep(1)
404    amber.off()
405    green.off()
406    sleep(1)
407    red.on()
408    sleep(1)
409    amber.on()
410    sleep(1)
411    green.on()
412    sleep(1)
413    red.off()
414    sleep(1)
415    amber.off()
416    green.off()
417    sleep(1)
418    red.on()
419    sleep(1)
420    amber.on()
421    sleep(1)
422    green.on()
423    sleep(1)
424    red.off()
425    sleep(1)
426    amber.off()
427    green.off()
428    sleep(1)
429    red.on()
430    sleep(1)
431    amber.on()
432    sleep(1)
433    green.on()
434    sleep(1)
435    red.off()
436    sleep(1)
437    amber.off()
438    green.off()
439    sleep(1)
440    red.on()
441    sleep(1)
442    amber.on()
443    sleep(1)
444    green.on()
445    sleep(1)
446    red.off()
447    sleep(1)
448    amber.off()
449    green.off()
450    sleep(1)
451    red.on()
452    sleep(1)
453    amber.on()
454    sleep(1)
455    green.on()
456    sleep(1)
457    red.off()
458    sleep(1)
459    amber.off()
460    green.off()
461    sleep(1)
462    red.on()
463    sleep(1)
464    amber.on()
465    sleep(1)
466    green.on()
467    sleep(1)
468    red.off()
469    sleep(1)
470    amber.off()
471    green.off()
472    sleep(1)
473    red.on()
474    sleep(1)
475    amber.on()
476    sleep(1)
477    green.on()
478    sleep(1)
479    red.off()
480    sleep(1)
481    amber.off()
482    green.off()
483    sleep(1)
484    red.on()
485    sleep(1)
486    amber.on()
487    sleep(1)
488    green.on()
489    sleep(1)
490    red.off()
491    sleep(1)
492    amber.off()
493    green.off()
494    sleep(1)
495    red.on()
496    sleep(1)
497    amber.on()
498    sleep(1)
499    green.on()
500    sleep(1)
501    red.off()
502    sleep(1)
503    amber.off()
504    green.off()
505    sleep(1)
506    red.on()
507    sleep(1)
508    amber.on()
509    sleep(1)
510    green.on()
511    sleep(1)
512    red.off()
513    sleep(1)
514    amber.off()
515    green.off()
516    sleep(1)
517    red.on()
518    sleep(1)
519    amber.on()
520    sleep(1)
521    green.on()
522    sleep(1)
523    red.off()
524    sleep(1)
525    amber.off()
526    green.off()
527    sleep(1)
528    red.on()
529    sleep(1)
530    amber.on()
531    sleep(1)
532    green.on()
533    sleep(1)
534    red.off()
535    sleep(1)
536    amber.off()
537    green.off()
538    sleep(1)
539    red.on()
540    sleep(1)
541    amber.on()
542    sleep(1)
543    green.on()
544    sleep(1)
545    red.off()
546    sleep(1)
547    amber.off()
548    green.off()
549    sleep(1)
550    red.on()
551    sleep(1)
552    amber.on()
553    sleep(1)
554    green.on()
555    sleep(1)
556    red.off()
557    sleep(1)
558    amber.off()
559    green.off()
560    sleep(1)
561    red.on()
562    sleep(1)
563    amber.on()
564    sleep(1)
565    green.on()
566    sleep(1)
567    red.off()
568    sleep(1)
569    amber.off()
570    green.off()
571    sleep(1)
572    red.on()
573    sleep(1)
574    amber.on()
575    sleep(1)
576    green.on()
577    sleep(1)
578    red.off()
579    sleep(1)
580    amber.off()
581    green.off()
582    sleep(1)
583    red.on()
584    sleep(1)
585    amber.on()
586    sleep(1)
587    green.on()
588    sleep(1)
589    red.off()
590    sleep(1)
591    amber.off()
592    green.off()
593    sleep(1)
594    red.on()
595    sleep(1)
596    amber.on()
597    sleep(1)
598    green.on()
599    sleep(1)
600    red.off()
601    sleep(1)
602    amber.off()
603    green.off()
604    sleep(1)
605    red.on()
606    sleep(1)
607    amber.on()
608    sleep(1)
609    green.on()
610    sleep(1)
611    red.off()
612    sleep(1)
613    amber.off()
614    green.off()
615    sleep(1)
616    red.on()
617    sleep(1)
618    amber.on()
619    sleep(1)
620    green.on()
621    sleep(1)
622    red.off()
623    sleep(1)
624    amber.off()
625    green.off()
626    sleep(1)
627    red.on()
628    sleep(1)
629    amber.on()
630    sleep(1)
631    green.on()
632    sleep(1)
633    red.off()
634    sleep(1)
635    amber.off()
636    green.off()
637    sleep(1)
638    red.on()
639    sleep(1)
640    amber.on()
641    sleep(1)
642    green.on()
643    sleep(1)
644    red.off()
645    sleep(1)
646    amber.off()
647    green.off()
648    sleep(1)
649    red.on()
650    sleep(1)
651    amber.on()
652    sleep(1)
653    green.on()
654    sleep(1)
655    red.off()
656    sleep(1)
657    amber.off()
658    green.off()
659    sleep(1)
660    red.on()
661    sleep(1)
662    amber.on()
663    sleep(1)
664    green.on()
665    sleep(1)
666    red.off()
667    sleep(1)
668    amber.off()
669    green.off()
670    sleep(1)
671    red.on()
672    sleep(1)
673    amber.on()
674    sleep(1)
675    green.on()
676    sleep(1)
677    red.off()
678    sleep(1)
679    amber.off()
680    green.off()
681    sleep(1)
682    red.on()
683    sleep(1)
684    amber.on()
685    sleep(1)
686    green.on()
687    sleep(1)
688    red.off()
689    sleep(1)
690    amber.off()
691    green.off()
692    sleep(1)
693    red.on()
694    sleep(1)
695    amber.on()
696    sleep(1)
697    green.on()
698    sleep(1)
699    red.off()
700    sleep(1)
701    amber.off()
702    green.off()
703    sleep(1)
704    red.on()
705    sleep(1)
706    amber.on()
707    sleep(1)
708    green.on()
709    sleep(1)
710    red.off()
711    sleep(1)
712    amber.off()
713    green.off()
714    sleep(1)
715    red.on()
716    sleep(1)
717    amber.on()
718    sleep(1)
719    green.on()
720    sleep(1)
721    red.off()
722    sleep(1)
723    amber.off()
724    green.off()
725    sleep(1)
726    red.on()
727    sleep(1)
728    amber.on()
729    sleep(1)
730    green.on()
731    sleep(1)
732    red.off()
733    sleep(1)
734    amber.off()
735    green.off()
736    sleep(1)
737    red.on()
738    sleep(1)
739    amber.on()
740    sleep(1)
741    green.on()
742    sleep(1)
743    red.off()
744    sleep(1)
745    amber.off()
746    green.off()
747    sleep(1)
748    red.on()
749    sleep(1)
750    amber.on()
751    sleep(1)
752    green.on()
753    sleep(1)
754    red.off()
755    sleep(1)
756    amber.off()
757    green.off()
758    sleep(1)
759    red.on()
760    sleep(1)
761    amber.on()
762    sleep(1)
763    green.on()
764    sleep(1)
765    red.off()
766    sleep(1)
767    amber.off()
768    green.off()
769    sleep(1)
770    red.on()
771    sleep(1)
772    amber.on()
773    sleep(1)
774    green.on()
775    sleep(1)
776    red.off()
777    sleep(1)
778    amber.off()
779    green.off()
780    sleep(1)
781    red.on()
782    sleep(1)
783    amber.on()
784    sleep(1)
785    green.on()
786    sleep(1)
787    red.off()
788    sleep(1)
789    amber.off()
790    green.off()
791    sleep(1)
792    red.on()
793    sleep(1)
794    amber.on()
795    sleep(1)
796    green.on()
797    sleep(1)
798    red.off()
799    sleep(1)
800    amber.off()
801    green.off()
802    sleep(1)
803    red.on()
804    sleep(1)
805    amber.on()
806    sleep(1)
807    green.on()
808    sleep(1)
809    red.off()
810    sleep(1)
811    amber.off()
812    green.off()
813    sleep(1)
814    red.on()
815    sleep(1)
816    amber.on()
817    sleep(1)
818    green.on()
819    sleep(1)
820    red.off()
821    sleep(1)
822    amber.off()
823    green.off()
824    sleep(1)
825    red.on()
826    sleep(1)
827    amber.on()
828    sleep(1)
829    green.on()
830    sleep(1)
831    red.off()
832    sleep(1)
833    amber.off()
834    green.off()
835    sleep(1)
836    red.on()
837    sleep(1)
838    amber.on()
839    sleep(1)
840    green.on()
841    sleep(1)
842    red.off()
843    sleep(1)
844    amber.off()
845    green.off()
846    sleep(1)
847    red.on()
848    sleep(1)
849    amber.on()
850    sleep(1)
851    green.on()
852    sleep(1)
853    red.off()
854    sleep(1)
855    amber.off()
856    green.off()
857    sleep(1)
858    red.on()
859    sleep(1)
860    amber.on()
861    sleep(1)
862    green.on()
863    sleep(1)
864    red.off()
865    sleep(1)
866    amber.off()
867    green.off()
868    sleep(1)
869    red.on()
870    sleep(1)
871    amber.on()
872    sleep(1)
873    green.on()
874    sleep(1)
875    red.off()
876    sleep(1)
877    amber.off()
878    green.off()
879    sleep(1)
880    red.on()
881    sleep(1)
882    amber.on()
883    sleep(1)
884    green.on()
885    sleep(1)
886    red.off()
887    sleep(1)
888    amber.off()
889    green.off()
890    sleep(1)
891    red.on()
892    sleep(1)
893    amber.on()
894    sleep(1)
895    green.on()
896    sleep(1)
897    red.off()
898    sleep(1)
899    amber.off()
900    green.off()
901    sleep(1)
902    red.on()
903    sleep(1)
904    amber.on()
905    sleep(1)
906    green.on()
907    sleep(1)
908    red.off()
909    sleep(1)
910    amber.off()
911    green.off()
912    sleep(1)
913    red.on()
914    sleep(1)
915    amber.on()
916    sleep(1)
917    green.on()
918    sleep(1)
919    red.off()
920    sleep(1)
921    amber.off()
922    green.off()
923    sleep(1)
924    red.on()
925    sleep(1)
926    amber.on()
927    sleep(1)
928    green.on()
929    sleep(1)
930    red.off()
931    sleep(1)
932    amber.off()
933    green.off()
934    sleep(1)
935    red.on()
936    sleep(1)
937    amber.on()
938    sleep(1)
939    green.on()
940    sleep(1)
941    red.off()
942    sleep(1)
943    amber.off()
944    green.off()
945    sleep(1)
946    red.on()
947    sleep(1)
948    amber.on()
949    sleep(1)
950    green.on()
951    sleep(1)
952    red.off()
953    sleep(1)
954    amber.off()
955    green.off()
956    sleep(1)
957    red.on()
958    sleep(1)
959    amber.on()
960    sleep(1)
961    green.on()
962    sleep(1)
963    red.off()
964    sleep(1)
965    amber.off()
966    green.off()
967    sleep(1)
968    red.on()
969    sleep(1)
970    amber.on()
971    sleep(1)
972    green.on()
973    sleep(1)
974    red.off()
975    sleep(1)
976    amber.off()
977    green.off()
978    sleep(1)
979    red.on()
980    sleep(1)
981    amber.on()
982    sleep(1)
983    green.on()
984    sleep(1)
985    red.off()
986    sleep(1)
987    amber.off()
988    green.off()
989    sleep(1)
990    red.on()
991    sleep(1)
992    amber.on()
993    sleep(1)
994    green.on()
995    sleep(1)
996    red.off()
997    sleep(1)
998    amber.off()
999    green.off()
1000   sleep(1)
1001   red.on()
1002   sleep(1)
1003   amber.on()
1004   sleep(1)
1005   green.on()
1006   sleep(1)
1007   red.off()
1008   sleep(1)
1009   amber.off()
1010   green.off()
1011   sleep(1)
1012   red.on()
1013   sleep(1)
1014   amber.on()
1015   sleep(1)
1016   green.on()
1017   sleep(1)
1018   red.off()
1019   sleep(1)
1020   amber.off()
1021   green.off()
1022   sleep(1)
1023   red.on()
1024   sleep(1)
1025   amber.on()
1026   sleep(1)
1027   green.on()
1028   sleep(1)
1029   red.off()
1030   sleep(1)
1031   amber.off()
1032   green.off()
1033   sleep(1)
1034   red.on()
1035   sleep(1)
1036   amber.on()
1037   sleep(1)
1038   green.on()
1039   sleep(1)
1040   red.off()
1041   sleep(1)
1042   amber.off()
1043   green.off()
1044   sleep(1)
1045   red.on()
1046   sleep(1)
1047   amber.on()
1048   sleep(1)
1049   green.on()
1050   sleep(1)
1051   red.off()
1052   sleep(1)
1053   amber.off()
1054   green.off()
1055   sleep(1)
1056   red.on()
1057   sleep(1)
1058   amber.on()
1059   sleep(1)
1060   green.on()
1061   sleep(1)
1062   red.off()
1063   sleep(1)
1064   amber.off()
1065   green.off()
1066   sleep(1)
1067   red.on()
1068   sleep(1)
1069   amber.on()
1070   sleep(1)
1071   green.on()
1072   sleep(1)
1073   red.off()
1074   sleep(1)
1075   amber.off()
1076   green.off()
1077   sleep(1)
1078   red.on()
1079   sleep(1)
1080   amber.on()
1081   sleep(1)
1082   green.on()
1083   sleep(1)
1084   red.off()
1085   sleep(1)
1086   amber.off()
1087   green.off()
1088   sleep(1)
1089   red.on()
1090   sleep(1)
1091   amber.on()
1092   sleep(1)
1093   green.on()
1094   sleep(1)
1095   red.off()
1096   sleep(1)
1097   amber.off()
1098   green.off()
1099   sleep(1)
1100   red.on()
1101   sleep(1)
1102   amber.on()
1103   sleep(1)
1104   green.on()
1105   sleep(1)
1106   red.off()
1107   sleep(1)
1108   amber.off()
1109   green.off()
1110   sleep(1)
1111   red.on()
1112   sleep(1)
1113   amber.on()
1114   sleep(1)
1115   green.on()
1116   sleep(1)
1117   red.off()
1118   sleep(1)
1119   amber.off()
1120   green.off()
1121   sleep(1)
1122   red.on()
1123   sleep(1)
1124   amber.on()
1125   sleep(1)
1126   green.on()
1127   sleep(1)
1128   red.off()
1129   sleep(1)
1130   amber.off()
1131   green.off()
1132   sleep(1)
1133   red.on()
1134   sleep(1)
1135   amber.on()
1136   sleep(1)
1137   green.on()
1138   sleep(1)
1139   red.off()
1140   sleep(1)
1141   amber.off()
1142   green.off()
1143   sleep(1)
1144   red.on()
1145   sleep(1)
1146   amber.on()
1147   sleep(1)
1148   green.on()
1149   sleep(1)
1150   red.off()
1151   sleep(1)
1152   amber.off()
1153   green.off()
1154   sleep(1)
1155   red.on()
1156   sleep(1)
1157   amber.on()
1158   sleep(1)
1159   green.on()
1160   sleep(1)
1161   red.off()
1162   sleep(1)
1163   amber.off()
1164   green.off()
1165   sleep(1)
1166   red.on()
1167   sleep(1)
1168   amber.on()
1169   sleep(1)
1170   green.on()
1171   sleep(1)
1172   red.off()
1173   sleep(1)
1174   amber.off()
1175   green.off()
1176   sleep(1)
1177   red.on()
1178   sleep(1)
1179   amber.on()
1180   sleep(1)
1181   green.on()
1182   sleep(1)
1183   red.off()
1184   sleep(1)
1185   amber.off()
1186   green.off()
1187   sleep(1)
1188   red.on()
1189   sleep(1)
1190   amber.on()
1191   sleep(1)
1192   green.on()
1193   sleep(1)
1194   red.off()
1195   sleep(1)
1196   amber.off()
1197   green.off()
1198   sleep(1)
1199   red.on()
1200   sleep(1)
1201   amber.on()
1202   sleep(1)
1203   green.on()
1204   sleep(1)
1205   red.off()
1206   sleep(1)
1207   amber.off()
1208   green.off()
1209   sleep(1)
1210   red.on()
1211   sleep(1)
1212   amber.on()
1213   sleep(1)
1214   green.on()
1215   sleep(1)
1216   red.off()
1217   sleep(1)
1218   amber.off()
1219   green.off()
1220   sleep(1)
1221   red.on()
1222   sleep(1)
1223   amber.on()
1224   sleep(1)
1225   green.on()
1226   sleep(1)
1227   red.off()
1228   sleep(1)
1229   amber.off()
1230   green.off()
1231   sleep(1)
1232   red.on()
1233   sleep(1)
1234   amber.on()
1235   sleep(1)
1236   green.on()
1237   sleep(1)
1238   red.off()
1239   sleep(1)
1240   amber.off()
1241   green.off()
1242   sleep(1)
1243   red.on()
1244   sleep(1)
1245   amber.on()
1246   sleep(1)
1247   green.on()
1248   sleep(1)
1249   red.off()
1250   sleep(1)
1251   amber.off()
1252   green.off()
1253   sleep(1)
1254   red.on()
1255   sleep(1)
1256   amber.on()
1257   sleep(1)
1258   green.on()
1259   sleep(1)
1260   red.off()
1261   sleep(1)
1262   amber.off()
1263   green.off()
1264   sleep(1)
1265   red.on()
1266   sleep(1)
1267   amber.on()
1268   sleep(1)
1269   green.on()
1270   sleep(1)
1271   red.off()
1272   sleep(1)
1273   amber.off()
1274   green.off()
1275   sleep(1)
1276   red.on()
1277   sleep(1)
1278   amber.on()
1279   sleep(1)
1280   green.on()
1281   sleep(1)
1282   red.off()
1283   sleep(1)
1284   amber.off()
1285   green.off()
1286   sleep(1)
1287   red.on()
1288   sleep(1)
1289   amber.on()
1290   sleep(1)
1291   green.on()
1292   sleep(1)
1293   red.off()
1294   sleep(1)
1295   amber.off()
1296   green.off()
1297   sleep(1)
1298   red.on()
1299   sleep(1)
1300   amber.on()
1301   sleep(1)
1302   green.on()
1303   sleep(1)
1304   red.off()
1305   sleep(1)
1306   amber.off()
1307   green.off()
1308   sleep(1)
1309   red.on()
1310   sleep(1)
1311   amber.on()
1312   sleep(1)
1313   green.on()
1314   sleep(1)
1315   red.off()
1316   sleep(1)
1317   amber.off()
1318   green.off()
1319   sleep(1)
1320   red.on()
1321   sleep(1)
1322   amber.on()
1323   sleep(1)
1324   green.on()
1325   sleep(1)
1326   red.off()
1327   sleep(1)
1328   amber.off()
1329   green.off()
1330   sleep(1)
1331   red.on()
1332   sleep(1)
1333   amber.on()
1334   sleep(1)
1335   green.on()
1336   sleep(1)
1337   red.off()
1338   sleep(1)
1339   amber.off()
1340   green.off()
1341   sleep(1)
1342   red.on()
1343   sleep(1)
1344   amber.on()
1345   sleep(1)
1346   green.on()
1347   sleep(1)
1348   red.off()
1349   sleep(1)
1350   amber.off()
1351   green.off()
1352   sleep(1)
1353   red.on()
1354   sleep(1)
1355   amber.on()
1356   sleep(1)
1357   green.on()
1358   sleep(1)
1359   red.off()
1360   sleep(1)
1361   amber.off()
1362   green.off()
1363   sleep(1)
1364   red.on()
1365   sleep(1)
1366   amber.on()
1367   sleep(1)
1368   green.on()
1369   sleep(1)
1370   red.off()
1371   sleep(1)
1372   amber.off()
1373   green.off()
1374   sleep(1)
1375   red.on()
1376   sleep(1)
1377   amber.on()
1378   sleep(1)
1379   green.on()
1380   sleep(1)
1381   red.off()
1382   sleep(1)
1383   amber.off()
1384   green.off()
1385   sleep(1)
1386   red.on()
1387   sleep(1)
1388   amber.on()
1389   sleep(1)
1390   green.on()
1391   sleep(1)
1392   red.off()
1393   sleep(1)
1394   amber.off()
1395   green.off()
1396   sleep(1)
1397   red.on()
1398   sleep(1)
1399   amber.on()
1400   sleep(1)
1401   green.on()
1402   sleep(1)
1403   red.off()
1404   sleep(1)
1405   amber.off()
1406   green.off()
1407   sleep(1)
1408   red.on()
1409   sleep(1)
1410   amber.on()
1411   sleep(1)
1412   green.on()
1413   sleep(1)
1414   red.off()
1415   sleep(1
```

Blinking LED

```
from machine import Pin
import utime
```

```
led = Pin(15,Pin.OUT)
```

```
while True:
    led.toggle()
    utime.sleep(0.5)
```

