

```
1  from pybricks.tools import Stopwatch
2
3
4  # Holds state of robot
5  # Is necessary to stop robot without exiting program
6  class RunState:
7      running = 0
8      standby = 1
9      stop = 3
10
11     def __init__(self):
12         self.state = self.standby
13
14     def setState(self, state):
15         self.state = state
16
17     def getState(self):
18         return self.state
19
20
21     # Wrapper class for timer to allow for a wait function that will skip itself
22     # if robot state is in stop
23     class Timer(StopWatch):
24         def __init__(self, config):
25             self.state = config.state
26
27         def wait(self, time):
28             t = super().time()
29             while super().time() < time + t and self.state.getState() != 3:
30                 pass
31
```