

1. This program creates the service `MalService` to ensure that it runs every time the computer is started.
2. The program uses a mutex to ensure that only one copy of the program is running at a time.
3. We could search for a mutex named `HGL345` and for the service `MalService`.
4. The malware uses the user-agent Internet Explorer 8.0 and communicates with www.malwareanalysisbook.com.
5. This program waits until midnight on January 1, 2100, and then sends many requests to <http://www.malwareanalysisbook.com/>, presumably to conduct a distributed denial-of-service (DDoS) attack against the site.
6. This program will never finish. It waits on a timer until the year 2100, and then creates 20 threads, each of which runs in an infinite loop.