

```
1 #
2 # [name] run_server.py
3 #
4 # Written by Yoshikazu NAKAJIMA
5 #
6
7 from socket import *
8 import sys
9 import subprocess
10
11 HOST = ''
12 PORT = 5008
13 CLIENTPORT = 5009
14
15 s = socket(AF_INET, SOCK_DGRAM)
16 s.bind((HOST, PORT))
17
18 while True:
19     msg, address = s.recvfrom(8192)
20
21     print("message:", msg, "from", address)
22
23     if msg == b".":
24         print("Server daemon is closed")
25         break
26
27     if msg == b"raspi_reboot":
28         print("Server is rebooting")
29         command = ["reboot"]
30         res = subprocess.call(command)
31         print(res)
32         break
33
34     if msg == b"raspi_shutdown":
35         print("Server is getting down")
36         command = ['sudo', 'shutdown', '-h', 'now']
37         res = subprocess.call(command)
38         print(res)
39         break
40
41     if msg == b"raspi_resreq":
42         print("Response is required")
43         clientsocket = socket()
44         clientsocket.connect((address, CLIENTPORT))
45         clientsocket.send(b'I am alive')
46
47 s.close()
48 sys.exit()
```