```
1
 2
     #define SYSFS_GPIO_DIR "/sys/class/gpio"
 3
     #define MAX_BUF 64
 4
 5
     int gpio_export(unsigned int gpio);
 6
     int gpio_unexport(unsigned int gpio);
 7
     int gpio_set_dir(unsigned int gpio, const char* dir);
 8
     int gpio_set_value(unsigned int gpio, unsigned int value);
 9
     int gpio_get_value(unsigned int gpio, unsigned int *value);
     int gpio_set_edge(unsigned int gpio, const char *edge);
10
11
     int gpio_fd_open(unsigned int gpio, unsigned int dir);
12
     int gpio_fd_close(int fd);
13
14
```