```
#ifndef RANGE_FINDER_H
#define RANGE_FINDER_H
 1
 2
 3
 4
     #include "mbed.h"
 5
 6
 7
     extern bool
                             gb_rf_start_msg;
     // output messages
extern bool
 9
10
                             gb_rf_done_msg;
     11
12
     extern bool volatile gb_rf_can_sleep;
13
14
15
     void rf_fsm(void);
16
17
     // initialize the FSM. The input parameters are pointers to the \underline{mbcd} // objects associated to sensor pins Trigger & Echo
18
19
     void rf_init(DigitalOut *trg, InterruptIn *ech);
20
21
     #endif // RANGE_FINDER_H
22
23
```