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29 */
30
31 /**
32 * @file      TP1_DIGITALES 2.c
33 * @brief     Application entry point.
34 */
35 #include <stdio.h>
36 #include "board.h"
37 #include "peripherals.h"
38 #include "pin_mux.h"
39 #include "clock_config.h"
40 #include "MKL46Z4.h"
41 #include "fsl_debug_console.h"
42 #include "mefMOD0.h"
43 #include "SD2_board.h"
44 #include "key.h"
45
46 /* TODO: insert other include files here. */
47
48 /* TODO: insert other definitions and declarations here. */
49
50 /*
51 * @brief     Application entry point.
52 */
53 int main(void){
54     board_init();
55     BOARD_InitDebugConsole();
56     key_init();
57
58     /* systick cada 1 ms */
59     SysTick_Config(SystemCoreClock / 1000U);
60     mefModo_init();
61
62     while(1) {
63         mefModo ();
```

```
64     }
65
66     return 0 ;
67 }
68
69 void SysTick_Handler(void){
70     key_periodicTask1ms();
71     mefModo_task1ms();
72 }
73
```