Answer Key

# Chapter 2

### Exercise 2.1

1. Which chip GPIO is used for the I2C SCL and SDA pins?
2. Are the button pins pulled up or down? Where is that specified?

### Exercise 2.2

1. What is the name of the first user application function that is executed? What does it do?
2. What is the purpose of the function bt\_cback? When does the BTM\_ENABLED\_EVT case occur?

# Chapter 03

### Exercise 3.2

1. Do you need *wiced\_rtos\_delay\_millisecon*ds() in the LED thread? Why or why not?
2. What happens if you use a value of 100 for the semaphore timeout? Why?

### Exercise 3.3

1. What happens if you forget to unlock the mutex in one of the threads? Why?

### Exercise 3.5

1. What happens if you don’t remove the *while(1)* loop from the function that blinks the LED? Why?