

## Exercise 13 Rendezvous

In this project we will create two tasks and make sure that they have reached a semaphore rendezvous before running the LED functions.

**In the Pack Installer select “Ex 13 Rendezvous” and copy it to your tutorial directory.**

**Build the project and start the debugger.**

**Open the Peripherals\General Purpose IO\GPIOB window.**

**Run the code**

Initially the semaphore code in each of the LED tasks is commented out. Since the threads are not synchronised the GPIO pins will toggle randomly.

**Exit the debugger**

**Un-comment the semaphore code in the LED tasks.**

**Built the project and start the debugger.**

**Run the code and observe the activity of the pins in the GPIOB window.**

Now the tasks are synchronised by the semaphore and run the LED functions ‘concurrently’.