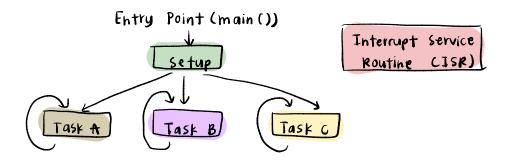
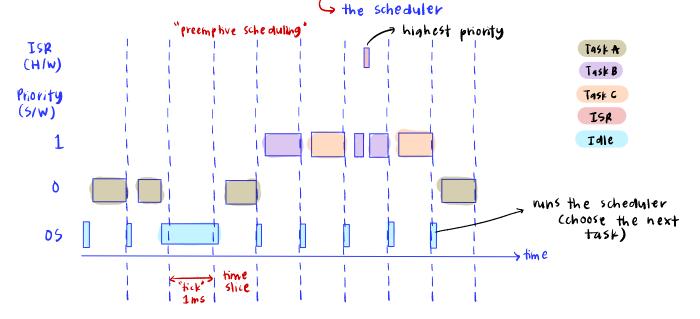
TASK SCHEDULING (week 4)

CONCEPTS



- > Each task runs concurrently in its own while loop
- Independent [ISRS] can be set up to preempt the tasks to execute some code. [hardware timer overflows, pin state change, new communication on a bus.]
- In single-core system, the CPY divide the tasks into time slices.



- > A hardware timer is configured to create an interrupt every 1 ms.
- -> Task with 11 priority is chosen to run
- > same priority task executed in round-robin fashion
- → If a task with higher priority than the currently running task is Keady, it will immediately run.

