1. How do you prevent memory leaks?
2. How do you use stack?
3. When do you want to use static classes?
4. What is polymorphism and inheritance?
5. Major difference between C and Python.
6. Have you used pointers as parameters to functions?
7. How have you used interrupts in your code before?
8. How have you used watchdogtimer in your code?
9. How do you use pointers?
10. How do you use private constructors?
11. Explain how the spi works.
12. How does a DMA work?
13. What is Semaphore ? How is it different from Mutex ?
14. How to collect data in parallel and in sync ?
15. When and why to use keyword volatile ?
16. What are some ways to minimize MCU power consumption ?
17. What are the benefits of RTOS ?
18. Should we always use RTOS ?
19. What to remember when writing an ISR ?
20. What are little and big Endian ?
21. What are pull-up and pull-down Resistors ?