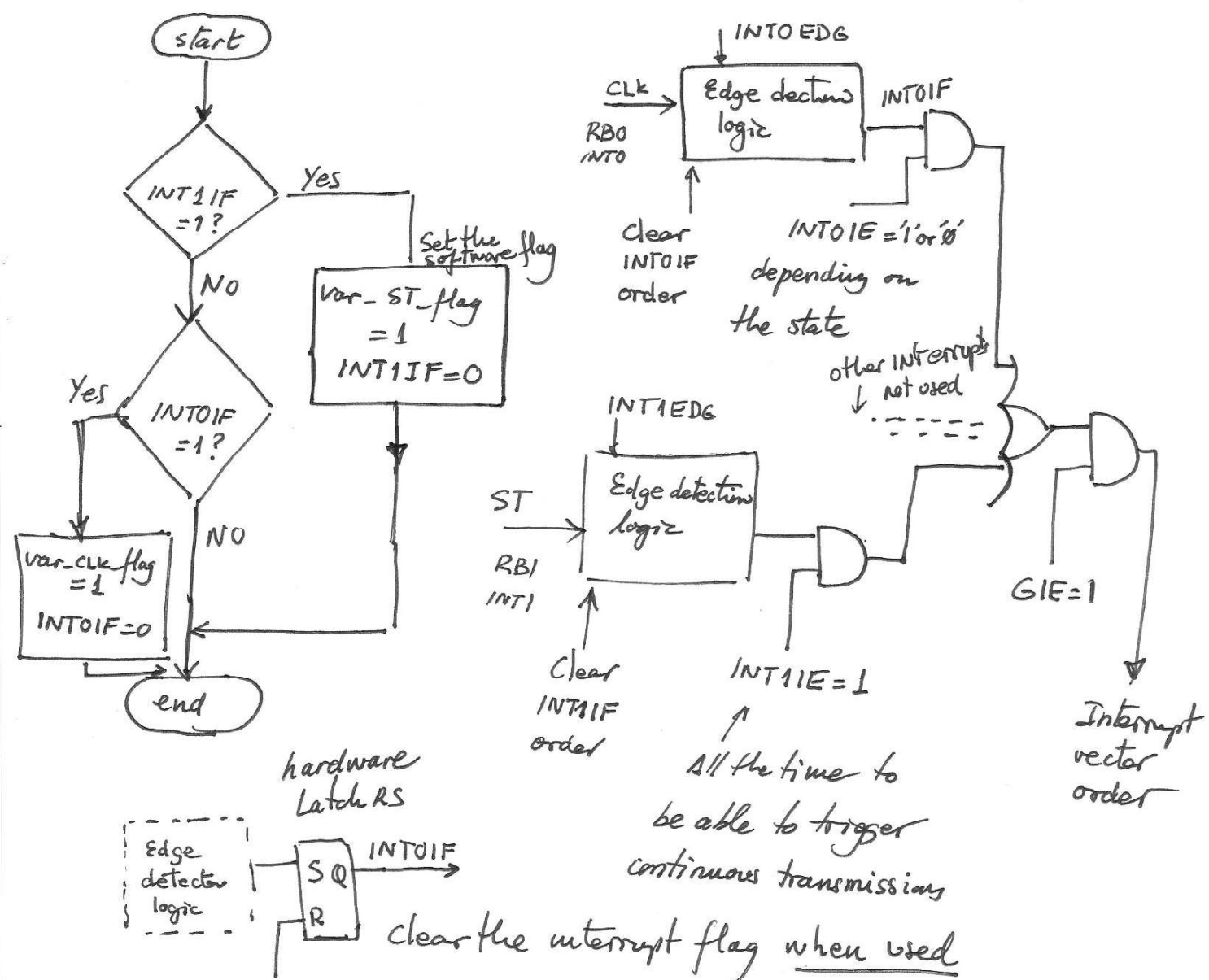


e) ISR() is the function for organising the tasks associated with the interrupts. Any time that an interrupt occurs the main program's execution stops, all the registers, flags and environment is saved, and the program counter jumps to the interrupt vector where is written the ISR() assembly code.

In this application we have 2 interrupts of the same kind (external) to detect edges in ST and CLK signals (INT1 and INTO). Later the TMRO can be used as an interrupt source to replace INTO and save an external circuit by means of an internal peripheral.



Clear INTOIF order: $INT0IF = 0 \Rightarrow 1' \Rightarrow INT0IF = 0$