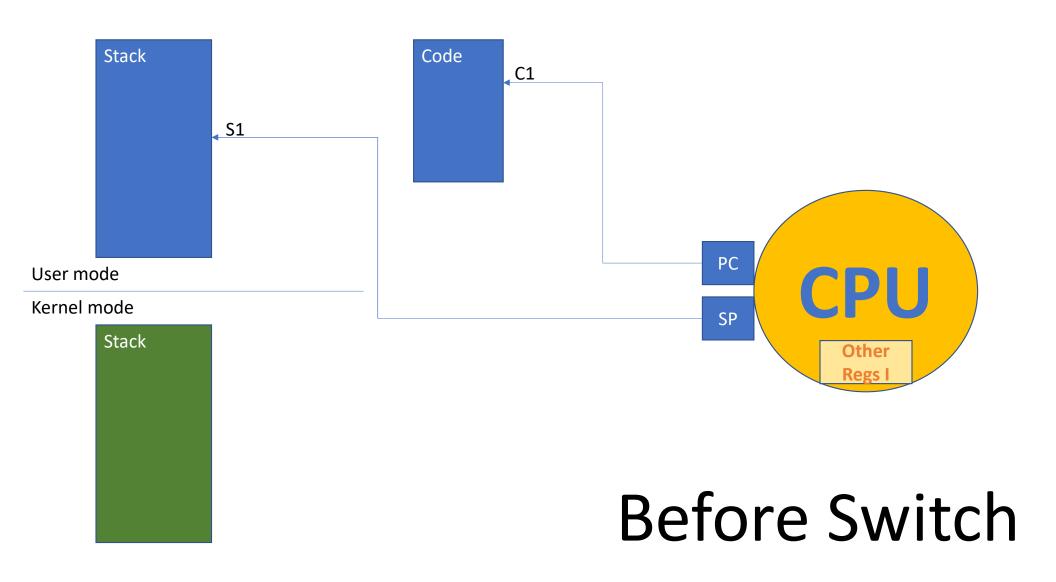
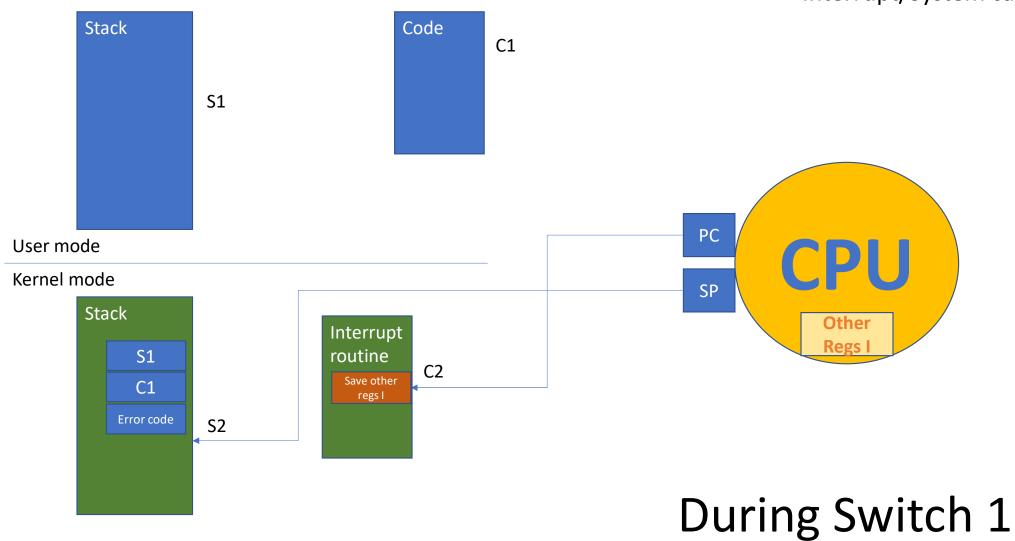
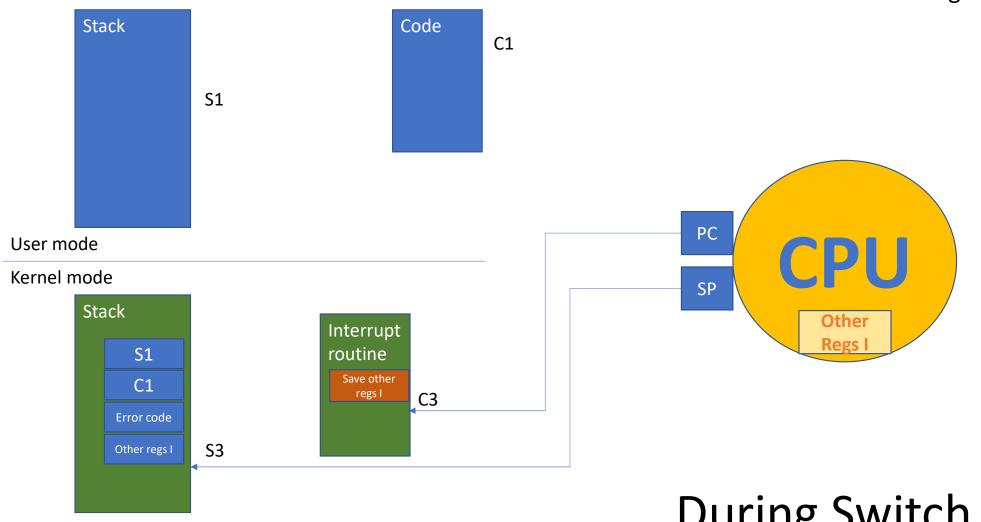
Context Switch Conclusion



Interrupt/System call

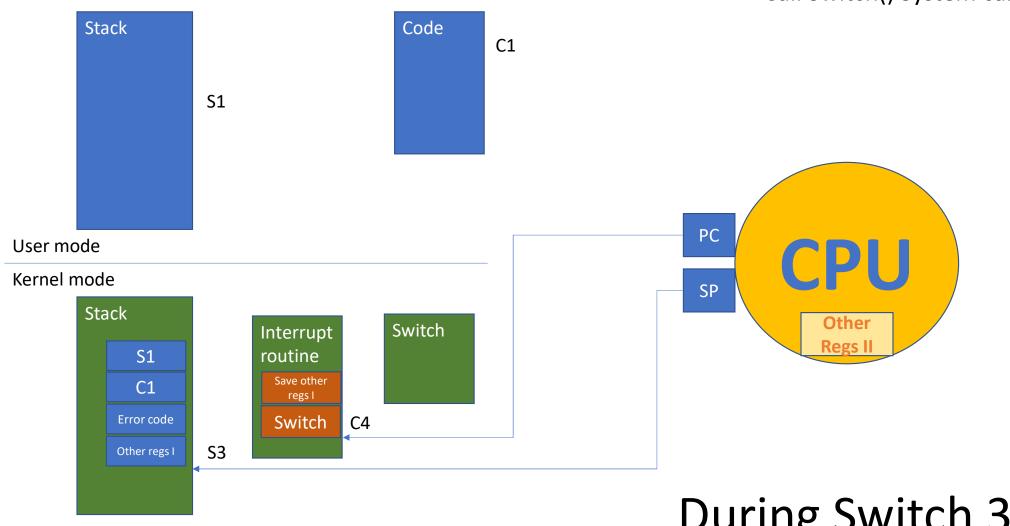


Save registers



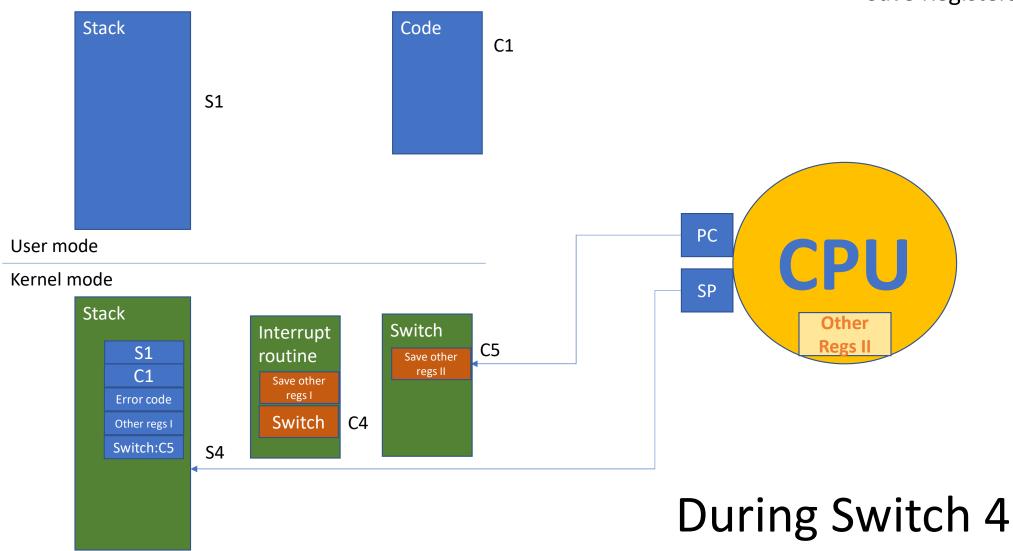
During Switch 2

Call Switch() System call

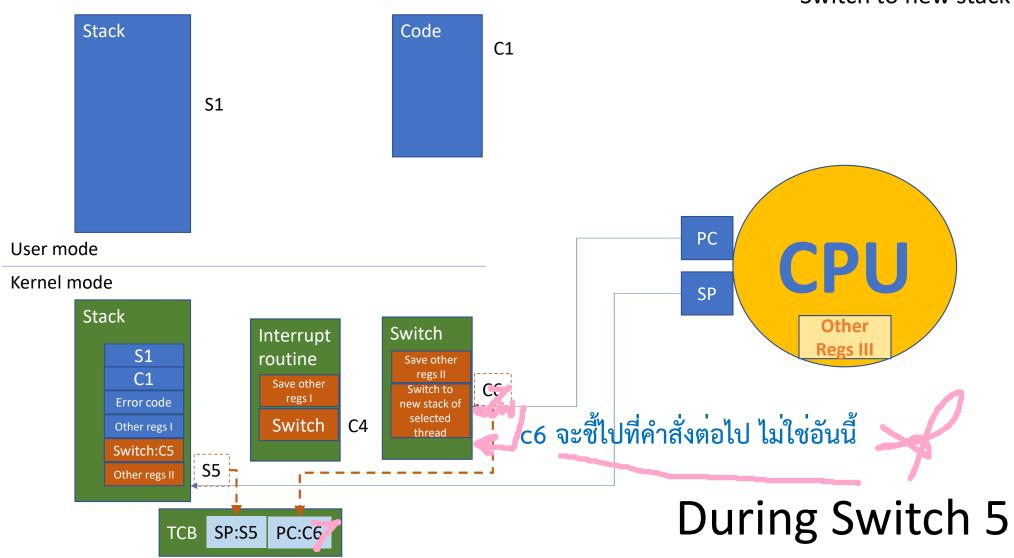


During Switch 3

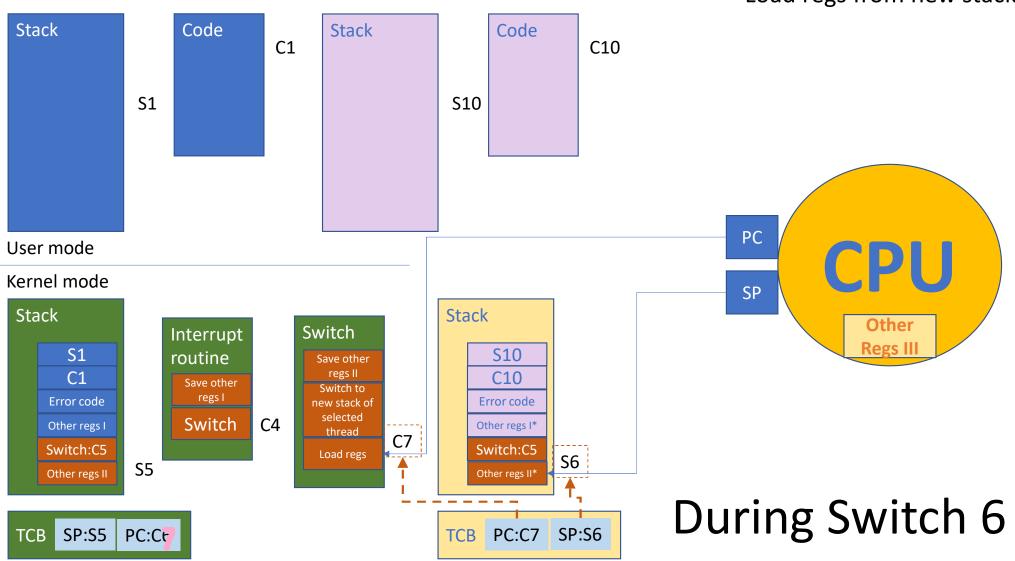
Save Registers

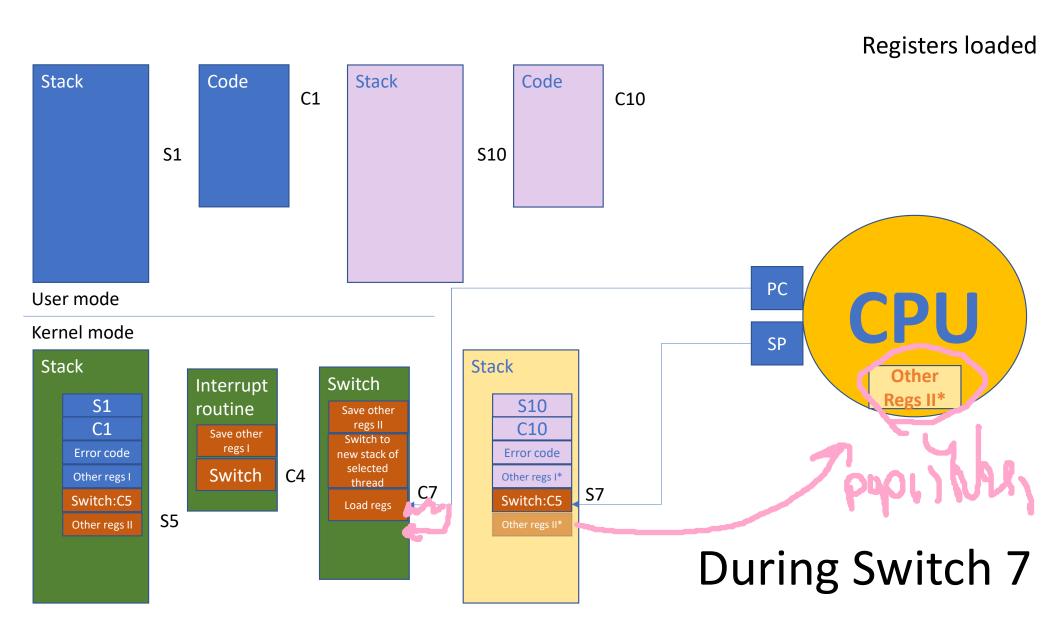


Switch to new stack



Load regs from new stack





Return from Switch() Stack Code Stack Code C1 C10 **S1 S10** PC User mode Kernel mode SP Stack Stack Interrupt **Switch S1 S10** routine Save other regs II C1 C10 Save other Switch to regs I Error code Error code new stack of selected **C4** Switch Other regs I Other regs I* thread **S7** Switch:C5 Switch:C5 Load regs **S5 C8** Other regs II Return During Switch 7

Load registers

