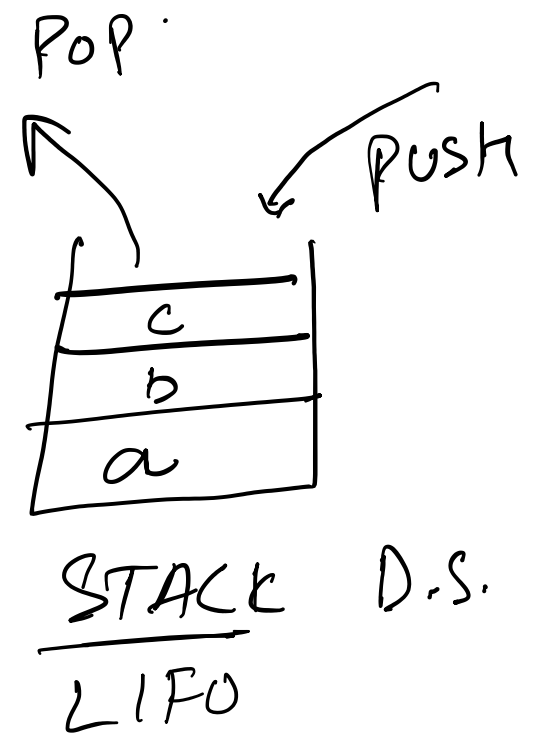


- Device Interrupt
 - Exceptions
 - S/W Interrupts/Traps
- } Types of Interrupts.

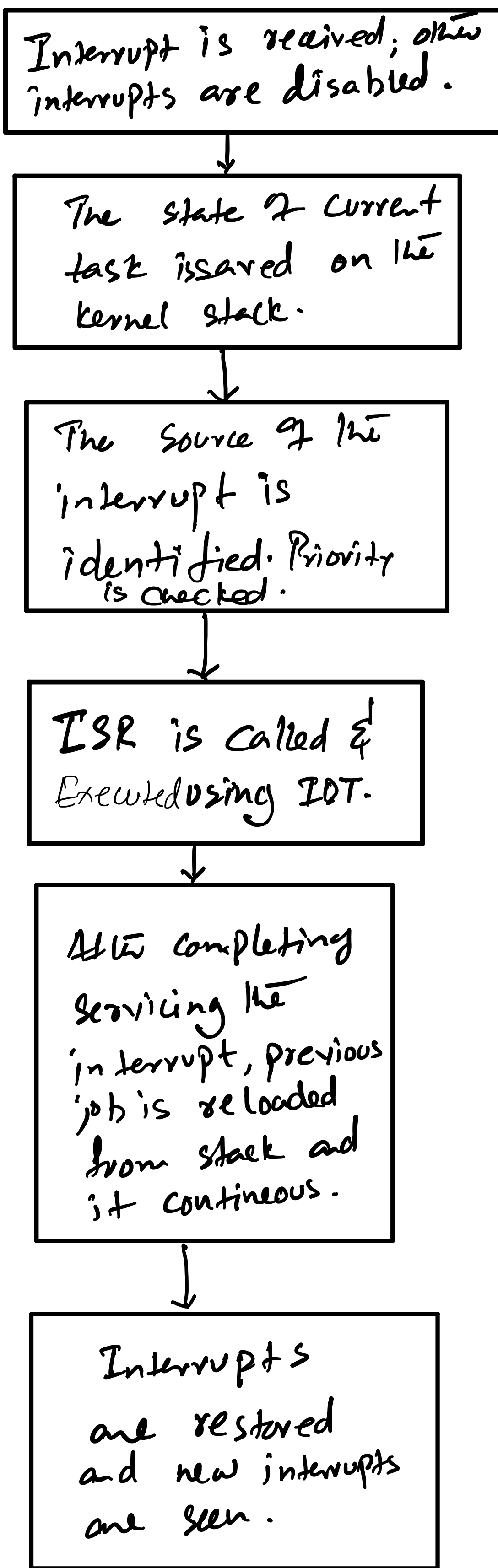
- Interrupt Dispatch Table (IDT)

- Interrupt Priority level (IPL)

- Power fail Interrupt
 - Clock Interrupt
 - I/O devices Interrupt
- ↑
Priority



- Interrupt Process



Interrupts are commonly used to service hardware, data transfer from storage (I/O) and communication through communication hardware like LAN card, Bluetooth etc. Additionally interrupts respond to events required by application software.

There are several types of interrupts:

- Hardware: Maskable interrupts (Once generated, others are held)
- Non-Maskable interrupts (They cannot be held).

- Software

- Clock