Interrypts (523/8 12/1/2016 Event Driken - Service providing Vector Service/Request 1 interrupt Veretur identifies the device TRAP - his an trup II) =7 CPU get on interrupt with II) => Trunslates into a cull to an

intervopt service routine

## Per II) service routine

Interript User culculates semithing

Stop processing of User Code Change flow and execute the specific Service routine of sociated with ID

1000 all \$5, \$6, \$12 = interrore
-> 1004 = return

IRA (PD) + 4 (INT Refur Address Register) DC Address of routine

Interrupt Routine 3 Bose DXFFFFDOOD MBB DODY 0000 Screen 0000, S/C Deyre FFFFDDLD Duta FFFF Doly - Realy 500 Intervupt Pulling use the ready Under Enterrupt - no real to check really Interrypt Enable - Changes the

Mude Quem pulling to interrype

다는 사람들에 가는 사람들이 되는 것이 되었다. 그런 그는 사람들이 되었다면 이 사람들이 되었다면 보고 있다. 그는 사람들이 되었다면 되었다. 대한 사람들은 사람들이 되었다면 하는 것이 되었다면 하는 것이 되었다면 이 목록 사람들이 되었다면 하는 목록 사람들이 되었다면 되었다면 되었다. Con be outside the routine

4)

li \$0,0x FFFF0000 \$0,0 Lusc address

Must be outside the routine

er \$ta, Lw \$ta, the Lw \$to, oxio (\$a,) ₹ \$to - 5/c

ori \$t0,\$t0, DXDOD2

0 0 0 0 0 0000 0000 0000 0010 Sw \$t0, 16 (400) (-> Enulled intervupts

Alternative 1 \$t1, DX 00000002

Or \$+0, \$+1,\$+0

In Routine Drobk interrupt DI (pesholl) Push Some Some - orly redol registers Service LULL POP Sum EI Enalle interrupts IRET PC-IRA Assume the device is on input device After getting the July it is ston Pushed to Stack Growing Down 5) Points to corner tota

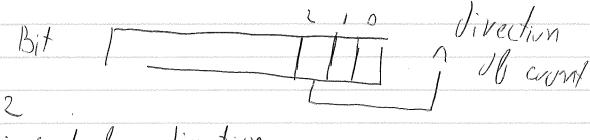
posh to boin (w \$+0, 10 (\$a0) 00 - lusc to Eluta JUVI \$51), \$51,4 0/ 10 Sw \$to, D(\$SP) Pup Sto IRET Disulle Do Interupts ew \$to, 16(\$an) - 3/c is in to Ci Stl, OXFFFFFF, 101 And \$+0, \$to, \$+1 DI - Igrave interrupt D

SW \$+0, 16(\$40)

## MIPS AND /ADDI ure bilwise

l
-districtly established

Assume the device is on up/low courte



· cortuly direction

Assume we want to fly direction
Find if I or P

Find if Lit 2 is set X lw \$+0, 16(\$00) li \$+1,000000000100/ AND 50 \$t0, \$t0, \$t1 LEQZ \$to-> peperds on the Status of the bit. Device generals 10ti interrepts per Second Use This to update a clock H:M:5 ph per Second

and the control of the

Assume \$to hold h = 7 \$11 11 M @ Mcm Jt 11 5 \$ +3 Second storts of principer int - When reach 9999 mul 10ts - Still inc mul 60 - inc \$H mul 60 -> incsto mod 12/24

con Cluck compute

Lody ADA Bologe