Exception Hazard

Fetch → Decode → DAT → DIV Execute (except) → ADD Access Memory → DEC Store Result

—---------------Instructions to be vacated-----------------   Instructions allowed to continue

PSW gets swapped

next address

Real Memory

1010110100111010001010110010010010101110101000100 11...
Interrupt Handler

OS

Apps

Application code
1110101010110010100011010101001010111...1101001010101000101011101011
0001100000011001000110010001100...