Midha Tahir SE-87 Section B OS Os a divided into two modes: 1) Keenel Mode / Monitor Mode/ Supervisor Mode User Mode · Keinel Mode: Keinel mode allows OS to read data from I/O devices but prevent user program from reading it directly. To perform bardward based operations Os internally changes its way from user mode to monitor User Mode: User Mode is the initial mode of system. No pardware based instructions are executed in this mode. like delete partition, create/cop file. All execution is done or the behalf of a use

ROLE OF SYSTEM CALL IN DUAL MODE: to switch between two models. It a basically calls Os to get desired functionality/ hardwage priveleged instruction at a higher level. like function which Icalls Os functionality eg open command. In short, whenever we use system call, control transfers from usee mode to keinel mode. So that we can access hardware and memory management defile

