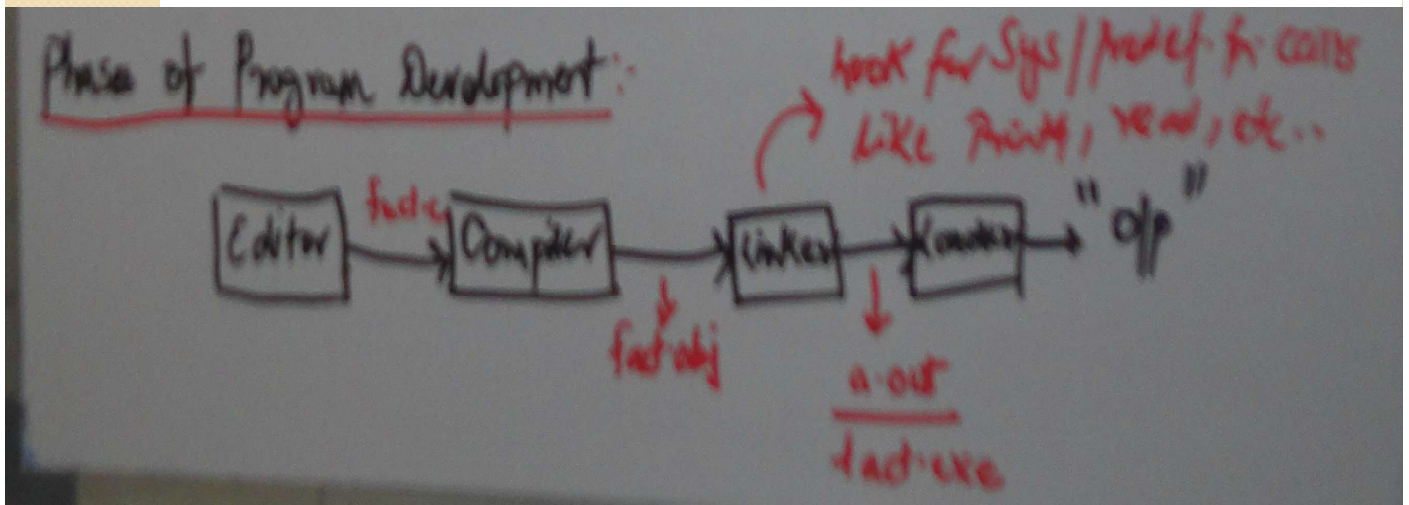# PROCESS CONCEPT - Intro

➢**PROCESS NOTION**

➢Program in execution- Programs RUNS!!! – understand the terminology !

➢Active Program (Process) v/s Binaries-Exe's on HDD (passive!)

➢Program here is not Source Code!

➢**Phases of PROGRAM Development (BINARY)**

Binary Development Phases

> **Revisit of the Classical Hello World Example!**

#include <stdio.h>

int main() {

printf ("Hello World \n");

return 0; }   /* Assume Stored in first.c */

❖Editors in Linux – gedit, emacs, vim, etc.

❖these are again programs later become processes

❖Each block in the phases is a program - process

❖Header File Inclusion Why ? – System v/s User Defined Headers

❖What do They Contain – Function Declaration or Function Definition   ; int add (int , int) ; v/s

❖int add (int x, int y) { return x+y;}

❖Benefit of Having Declaration and Then Definition

❖Where is Printf Defined ? - Role of Linker Justification