Process Concepts: Scrut mem+ 10) nutilizing Resources of a Computer rogram vs Process System Memory 15 Program in execution Delps Rocen +> Enstance q a program; Roge punit of cpu utilization (Resort) + Active entity A Schedulable Dispatchable unit 105

Docus of control of 05 - Animated Spirit

Process Program (ene) *) In Memory 1) on Disk 2) utilizing resourées 2) without resources 3) A Thive (Alive) 3) Parsive

User -> program (ene) Developer's viene of Knotens developer Rogrammens + (Procen is an A.D.T) STACK Defor Repr; Operations; (Attributes) > Creation Resource Allocation Lps Schedule Dispatch -> Rumming (enceution) + Blocking wait (Is) in meny Regime Jerminale

Knogram R.T. Run-line Womes Code Section Tent Section global variables (Dynamic allocation) Activation record of function Calls

(PC: Address of nent Inst n in Gode Process Attribules: Identification: Procentid (Pid); Parent Pid (PPid)
grup-id (gid) fosh() Jype; PC; CPU-related: > Interactive The related.

-> Attributes q a Process are Stored in a table (0.5)

-> Each Rocess has its own

Rown as P.C.B (100) -, PCB is created @ the time of Process & Destroyed @ Process termination mount Block > - Volume of Information 9d-Grd Rept in PCB is known
Content Environment of Process (Process

Process States & State Transition 2010 New; Ready; Kunning; Block wait Derminate restion Jun enecuting enecution Instris

Activation Record Contains Code Global Dala 20 int 3=0% +RA 3 Keturn Address int K, int 2 a, b, *c) R.T Stack int (3/)20 Sized (int)); mallec 3= K+2; c= (int *) print("/d" k); 1 + (a,b); malle