	Outline &
Veryday and party	
Separate Services	PROCESS
and the state of t	
anguard and a	
And Salar Sala	D'Atterence DIM Process and Program
September 19 the second	
d .	(A set of instructions given to the computer to solve a positionion problem - is called)
language species	to solve a particular problem. is called to
wearing the g	
Market State	Program Trocess
	executeuble file which execution is called
	executeuble file which execution is called
Propins Name	contain a certain set of process.
mines (m)	instructions written to
eropean apple	complete the specifici
w. power park .	job 60 operation on your
in open place of	computer.
	(1) program is passive (1) Process is active
	entity entity
tration sile	(1) A Single program (.) A single process
Wednesday on a god	Contract he velated
bearing mayor	to multiple processes to multiple programs
· ·	
More many	
	Context Switching
-	is the process of storing the state of
The contract	a placess or threads. So that it can be
Pradicing prome	restored and visume execution at a
man-	louter point.

Zeady Queue The ready queue is a queue of all processes that are waiting to be scheduled on a CPU. Device | waiting guelle contains the processes is are maiting for the completion of 10 request Each device has it own device yulue Job Quelle A job queue contains an ordered list of jobs waiting to be processed by a subsystem. (.) A set of all processes in a system. => Parts of Process i-Text Section humber of like in a program that will be executed is called text section ii- Prayram Counter The cyrrent activity or current line that is executing is called program counted.

14 also includes regust			
(1) Stack Consist of temperory data Such as function parameters return address and local variables. (iv) Data Section			
Such as function	on parameter		
(iv) Data Sertion	local variables		
Consist of glob	al		
(v) Heap	variables.		
Consist of memory allocated during run.	, that duna		
allocated during run.	Hone. Junmically		
	V		
=> Process Control T	Black I DIDI		
PIULESS (O) MALVA	Mark Dill		
OTICCIONE NSCO	by Cahandar		
The second secon	store all Has		
CUBOUT	a process		
DVace 18 locaridas	know as a		
process descriptor is exected, the oper a corresponding	attag sucha process		
covvesponding	Process control		
block a			
The first of the second	Process state		
	Process number		
-> Viagram ->	Program counter		
	Registers		
	memory limits		
	list of open files		
M-w			

Inreads Inveads
U sub part of process
1) process has atleast one thread of 1.) if program exists then thread easts
1.) when a program exit terminates
then thread automotically exit terminates
serminates.