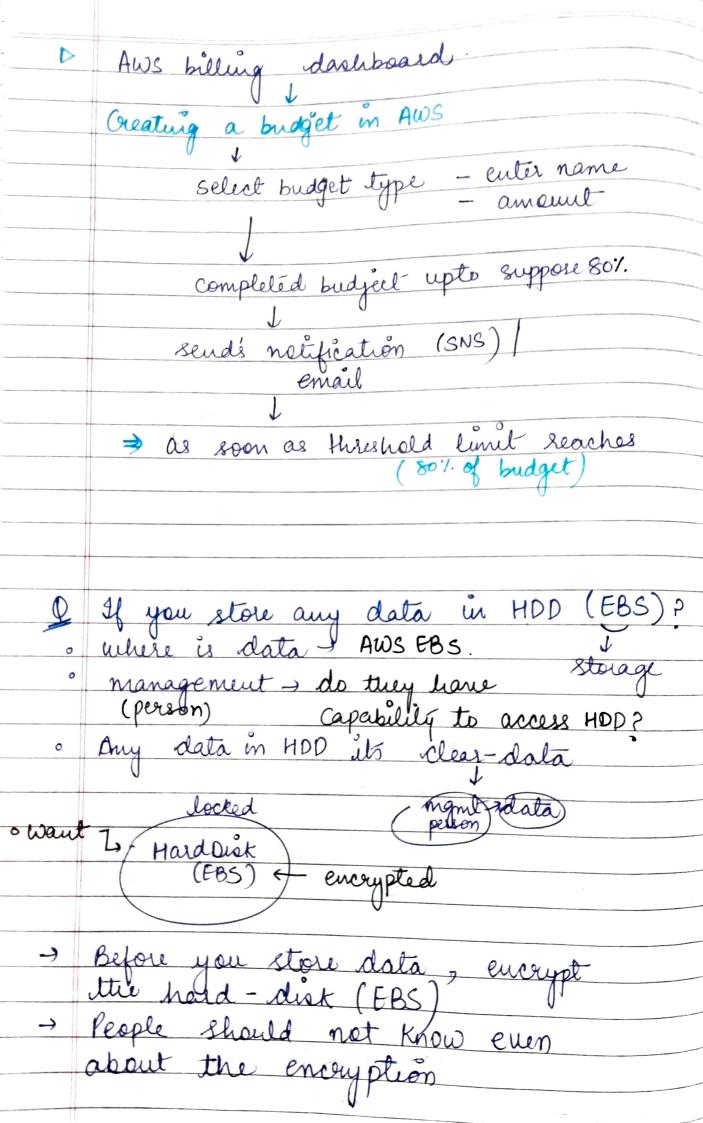
	classmate
	DatePage
	DAY -9
	Automation - Jask quickly.
	Just masser quickly
	Perogram. (Document/notes) Mob flutter Perogram.
Maskuc	build scenesio
Mary of C	Program
0>	Program.
ALDO	Cloud Formation - Create service builds Infraskuctur through code
TINS	Claud ormalism - Clale service - builds Infraskuctur
	ttveugh code
0	Standardized tool - Terraform
	Terraform works on declarative language (HCL)
	Tool that works for all cloud.
	V .
0	Openstack: Write Infrastructure as a code
	TCGC V
	11 . 24 44 01 0 10
->	Hybrid Multi Cloud Terraform.
	15 IBM → Reduat
	acquired (Cloudforms)
	ή
	Hybrid → (HCL code)
\rightarrow	Desire Intelligent code
	4 Ec2 → OS
->	If the Os present don't run when to run
	and if not present create / not sum the code
	OS Process
	9 dempodent concept
	Checks for
	the existance

Launch (EC2 Instance) same datacenter. blheneuer, you launch an votid EBS volume EC2 instance (ID) EBS volume mention your availability zone. / challenge How I can create EBS in 16? Same as Instance AZ (nuthout - hardcore) Therefore, first me need Az of Inslance. > after the command Terraform apply. [output function in terroform] - used to print
"myout1" (give unique name)

Eg: - output, { value = aws_instance.myin2 ⇒ prints all information about the Instance D = If only want to print AZ of an Instance output "out2" { value = aws_instance omy in 2 o availability

	DatePage
>	output "myoutip" } value = aws_instance.myin2.public_ip.
	J
→	resource "aws-ebs-volume" "esb2" { availability-zone = aws instance. myin2. availability- zone
→	Example: - [variable creation] variable "x" } type = string by default " y default = "linux world" datatype > string ?
>	output { value var · x or var · x } yalve heter syntax support tereraformapply (command) space
	IN
	Public IP 00S
	Create elastic IP Static dynamic
	Associate It clastic IP (desent change) > 05 shut
	To some OS. Allocate restort woult start charging. Change
	also, disassocialé] relace IP.
•	elastic IP - detach - altach to (possible) from one another os



Page
Data in - rest encryption: tool > looks [encryption-tool] hard - disk encryption tool before storing data, locks encrypts) the EBS hard - disk key encryption ask Aws for the encryption
(KMS) service - for key management
How to encrypt your Hard-disk [EBS]? While creation of EBS - D'Encryption
create your own key awas but you can user attach
clear text data to 0.5 Clear text
encrypted disk (hard-disk), when you attach to OS will be Clear-text
but if you attach the H.D to any other laptop it would remain encrypted. H.D Snapshot encrypted encrypted clear-text clear text

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