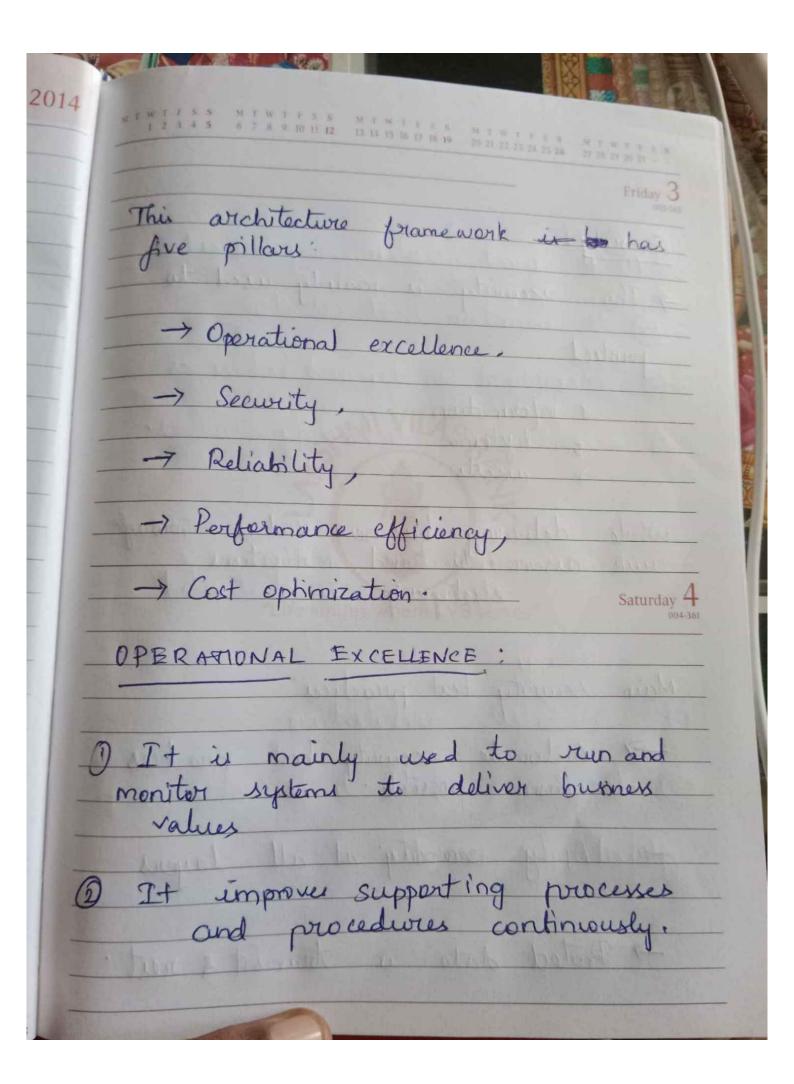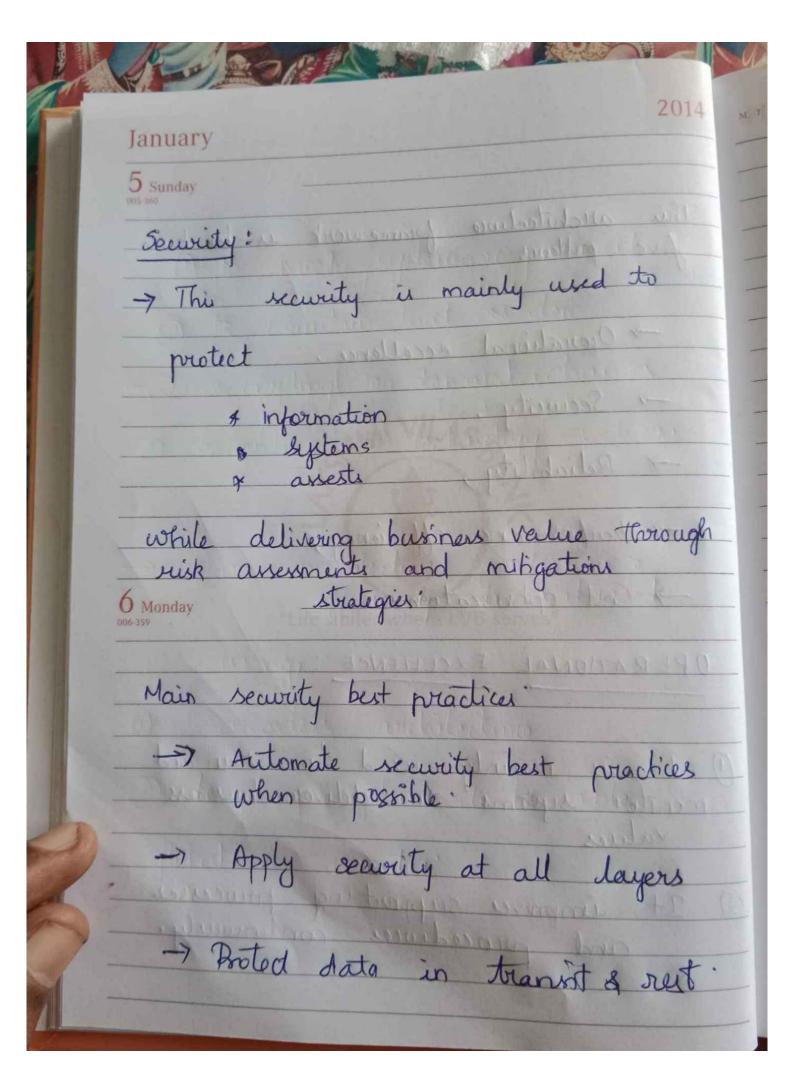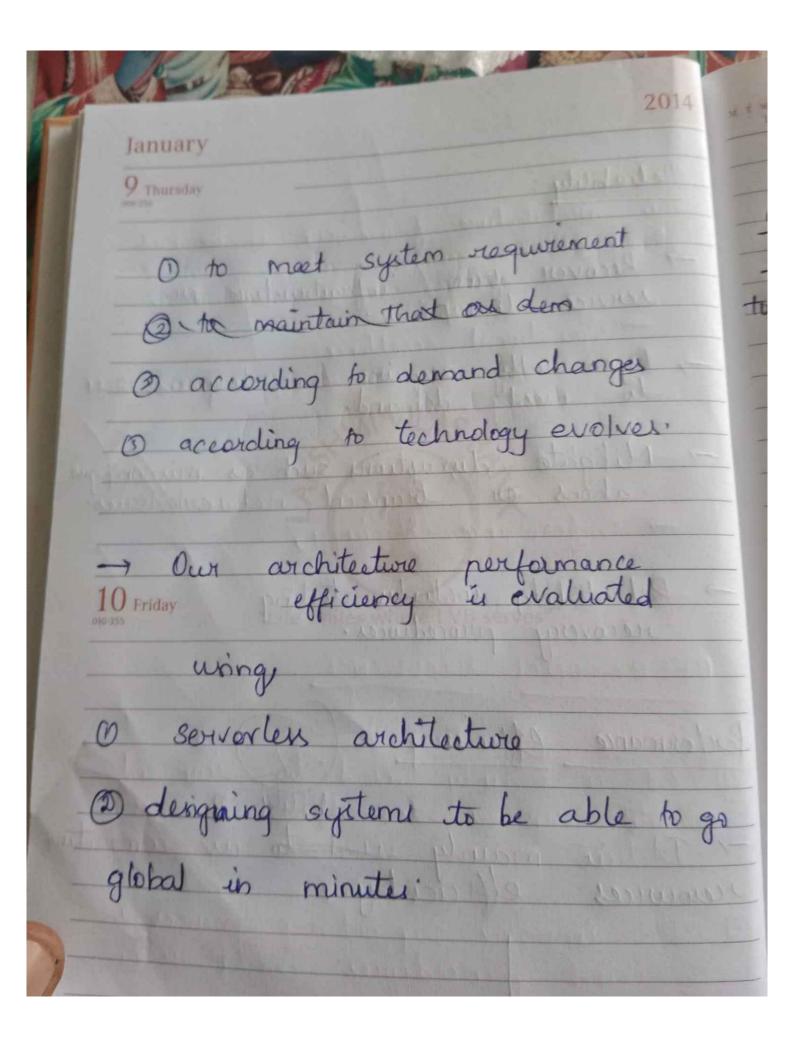Aws

Module 10:- (CLOUD JOURNEY)

AWS WELL - ARCHITECTURE FRAMEWORK :

→ It is mainly used to help us to understand how to,

* design
* operate
* secure   } in cloud (X)
* efficient
* cost-effective

→ It designs principles and it also identifies areas to improve.

(X) | It also consistently measures your architecture against the best architecture for your requirement |

This architecture framework is has five pillars:

→ Operational excellence.

→ Security,

→ Reliability,

→ Performance efficiency,

→ Cost optimization.

OPERATIONAL EXCELLENCE :

① It is mainly used to run and monitor systems to deliver business values

② It improves supporting processes and procedures continuously.

January

5 Sunday
005-360

<u>Security:</u>

→ This security is mainly used to

protect

* information
* systems
* assets

while delivering business value through
risk assessments and mitigations
strategies.

6 Monday
006-359

Main security best practices:

→ Automate security best practices
when possible.

→ Apply security at all layers

→ Protect data in transit & rest.

Reliability:

→ Recover from infrastructure or service disruptions.

→ Dynamically acquire computing resources to meet demand.

→ Mitigate disruptions such as misconfigur -ations or transient network issues.

→ Reliability includes testing recovery procedures.

Performance efficiency:

→ It is mainly ~~used~~ has ability to use computing resources efficiently.

January

9 Thursday

① to meet system requirement

② to maintain That ost dem

③ according to demand changes

③ according to technology evolves.

→ Our architecture performance

10 Friday

efficiency is evaluated

using

① serverless architecture

② designing systems to be able to go global in minutes.

Cost optimization:

→ It has ability to run systems to deliver business value at the lowest price point.

Benefits of Aws cloud:

Advantages of cloud computing.

→ Trade upfront expenses for variable expense.

→ Benefits from massive economies of scale.

→ Stop guessing capacity

→ Increase speed and agility

January

13 Monday
013-352

→ Stop spending money running and maintaining data centers

→ Go global in minutes - [using AWS cloud global footprints.

14 Tuesday
014-351