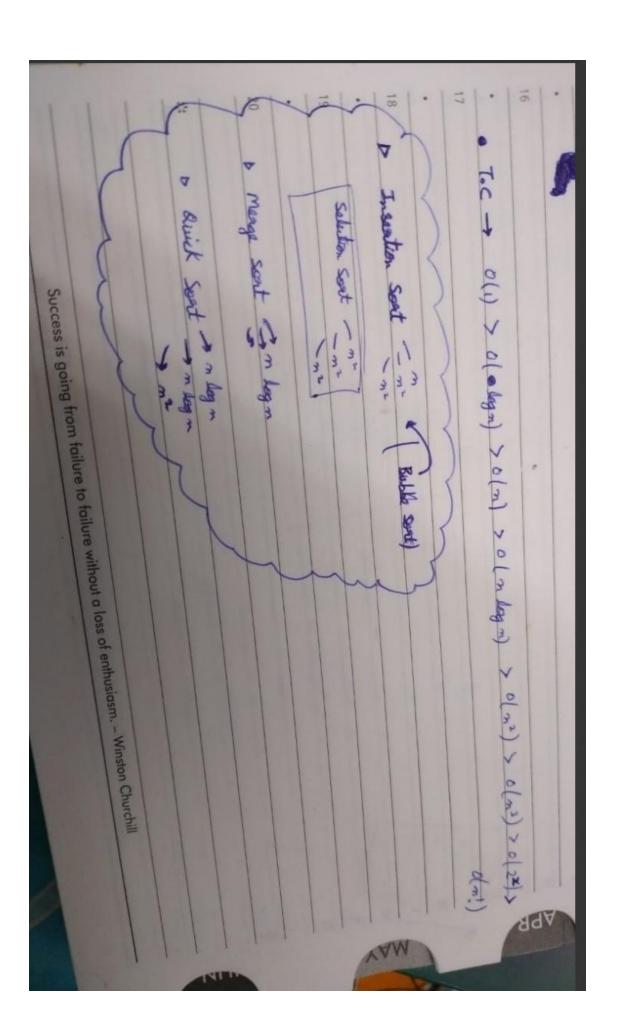
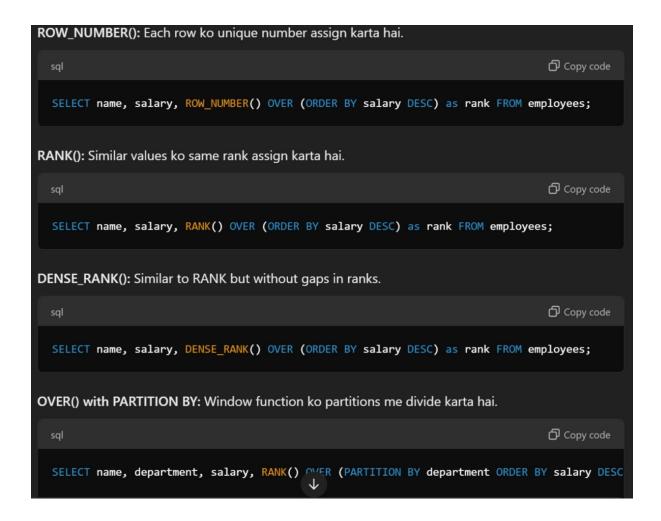
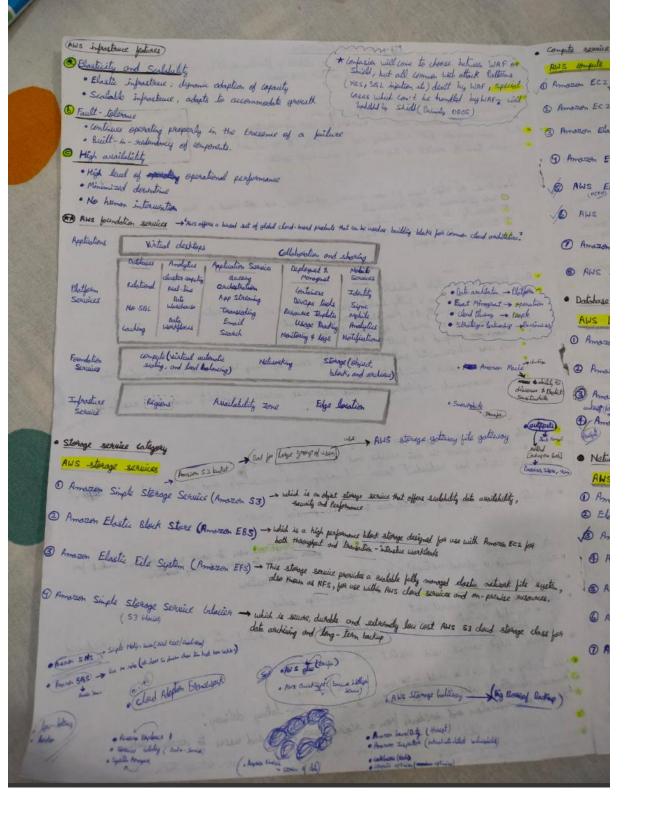
EXTRA:-

- 400 Bad Request: Occurs when the server cannot understand the request due to invalid syntax.
- 2. 401 Unauthorized: Indicates authentication failure; the client needs valid credentials.
- 3. 403 Forbidden: The server understands the request but refuses to authorize it.
- 4. 404 Not Found: The server can't find the requested resource (common for broken links).
- 5. **405 Method Not Allowed**: The HTTP method used is not allowed for the requested resource (e.g., using GET where POST is required).
- 6. **408 Request Timeout**: The client took too long to send the request, and the server gave up waiting.
- 7. **409 Conflict**: The request could not be completed due to a conflict with the current state of the resource (often occurs with PUT requests).
- 8. **415 Unsupported Media Type**: The server refuses the request because the media type is not supported.
- 9. 500 Internal Server Error: A general server-side error when something unexpected happens.
- 10. **502 Bad Gateway**: The server received an invalid response from an upstream server while acting as a gateway or proxy.
- 11. **503 Service Unavailable**: The server is temporarily unable to handle the request (e.g., maintenance or overload).
- 12. **504 Gateway Timeout**: The server, acting as a gateway, didn't get a response in time from an upstream server.





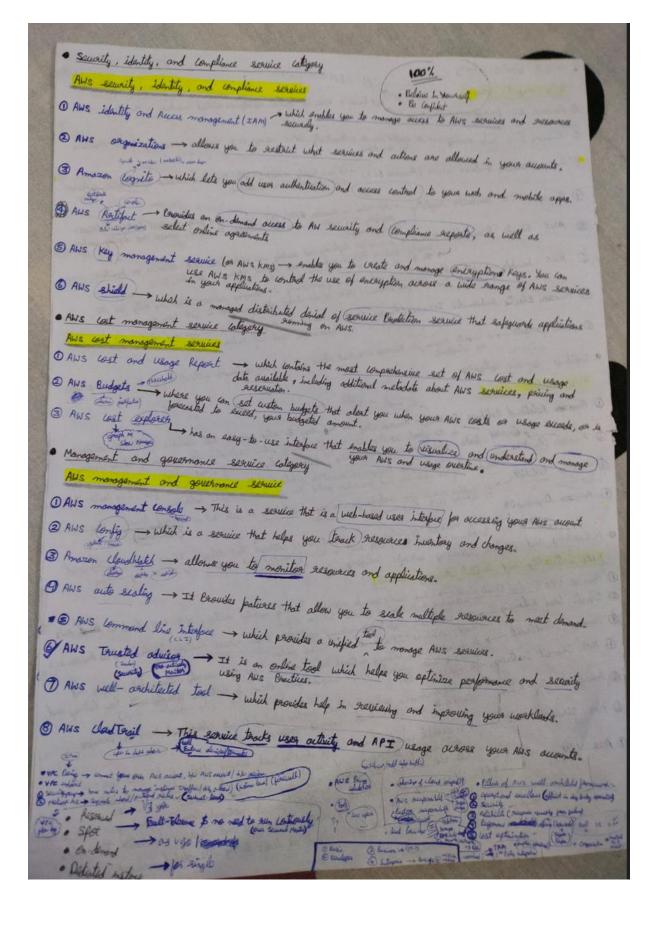


· Compute service category graphabe control over your Aus JAF 64 AWS compute services 1 Amozon EC2 (a Amozon Electic Compts cloud) - that Consider rescitable compute capacity as virtual machines to the cloud etterns 1 Amazon Ec 2 cuto evaling - It enables you to automatically add on remove Ec 2 instances according to the conditions 3 Amoron Elastic Contains Scruce (Amoron ECS) - It is a highly endable, highly largormones contains exclustration recruice that supports backer containers. . Amoreon EC2 container reigistry - also known as Amoreon ECR, this service is a fully managed Darker container argistry that make it easy for developors to eleve, manage and deploy Darker container inages. AWS Elastic Beanetalk -> It is a securice for deploying and earling such applications and services on familiar
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Two Differences between C++ and Java:

Memory Management:

- C++: You manually manage memory using pointers, which can lead to memory leaks if not handled carefully.
- Java: Java uses automatic garbage collection, which helps manage memory more safely.

Platform Dependency:

- C++: Platform-dependent, meaning the code compiled on one operating system may not work on another without recompiling.
- Java: Platform-independent due to the JVM (Java Virtual Machine), making it "write once, run anywhere."