DynamoDB :-

Amazon **DynamoDB** is a fully managed NoSQL database service that provides fast and predictable performance with seamless(schemaless) scalability.

Amazon **DynamoDB** is a fully managed, serverless, key-value NoSQL database that runs high-performance applications at any scale, with built-in security,

* It Is a schemaless
* Directly start with table (every table has a primary key)
* No need to take of hardware, configuration, provisioning, setup, replication, software, patching, cluster scaling, managed AWS .
* Optimize compute performance
* It automatically manages the data traffic of table over multiple servers and maintains performance.
* It is non-sequential database
* Can handle wide column database
* Unstructured database
* Large database can be access
* Dynamic schema

**Types of dynamodb or non-sequential databse:-**

1. Document database (stored in json format)
2. Key-value database (key and value format database )
3. Primary key
4. Secondary key
5. Wide column database ( here blank space can be consider)
6. Node based database (example Facebook) ( jis data ko koi monitor nahi kar sakta )

**HW**

1. DAX
2. DIFFERENCE BETWEEN RDS AND DYNAMODB :-