

Day-5

1. JAVA OS dependencies from JVM

JVM has OS dependencies even when Java is a platform-independent language, because JVM is not written in Java, It is written in C or Cpp and it varies with OS.

2. Cloud Computing - Fundamentals

cloud computing is an on-demand computing service that you can avail over the Internet to host and run your applications.

The fundamental Blocks of Cloud computing are Computing, Storage, Database, Networking, and security.

Servers provide heavy computing power for clients who needs them

It provides a storage solution for files, Like Netflix streaming files are stored in AWS server

With a Cloud database you dont have to use your own machine for database or even implement one, There are variety of database solutions available on cloud

Servers have high speed internet connections which makes data delivery fast in entire world

Data is stored in remote secured data centers and provides solutions of theft control and securities.

3. Cloud-Native Applications

Cloud-native applications are a collection of small, independent, and loosely coupled services.

For the large companies which provides cloud solutions and sevrices are divided into microservices they're very important. If an app is "cloud-native," it's specifically designed to provide a consistent development and automated management experience across private, public, and hybrid clouds. It is just making applications and making changes very rapidly.