## ASSIGNMENT-1

Q-1 why is Node of Preferred for real time Applications?

Ans - Node js is an Open-Sowice, Seven Side sumtime envisonment that allows demopers to sun Javascript outside the Boomsey, It is built on Groogle's V8 engine, making it fast and efficient.

It is Preferred for seal - time applications because

- 1) Non-Blocking 910 Handles multiple requests at the Same time, making it very fast
- Single Thruaded Uses an eumt-drum architecture to
- 3 Cooss- Platform Works on Windows, Macos and dinux
- (4) Node Packet Manager (NPM) Provides thousands of free librarius to speed up development
- (5) Web Sockets Support Ideal for real-time applications like chat apps and online games
- 6) Scalable Cam handle a large number of users without slowing down.

This Makes Node of Peryect for chats, online Gaming and

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