**WEEk 5 HANDSon**

**Monolithic vs Microservices Architecture**

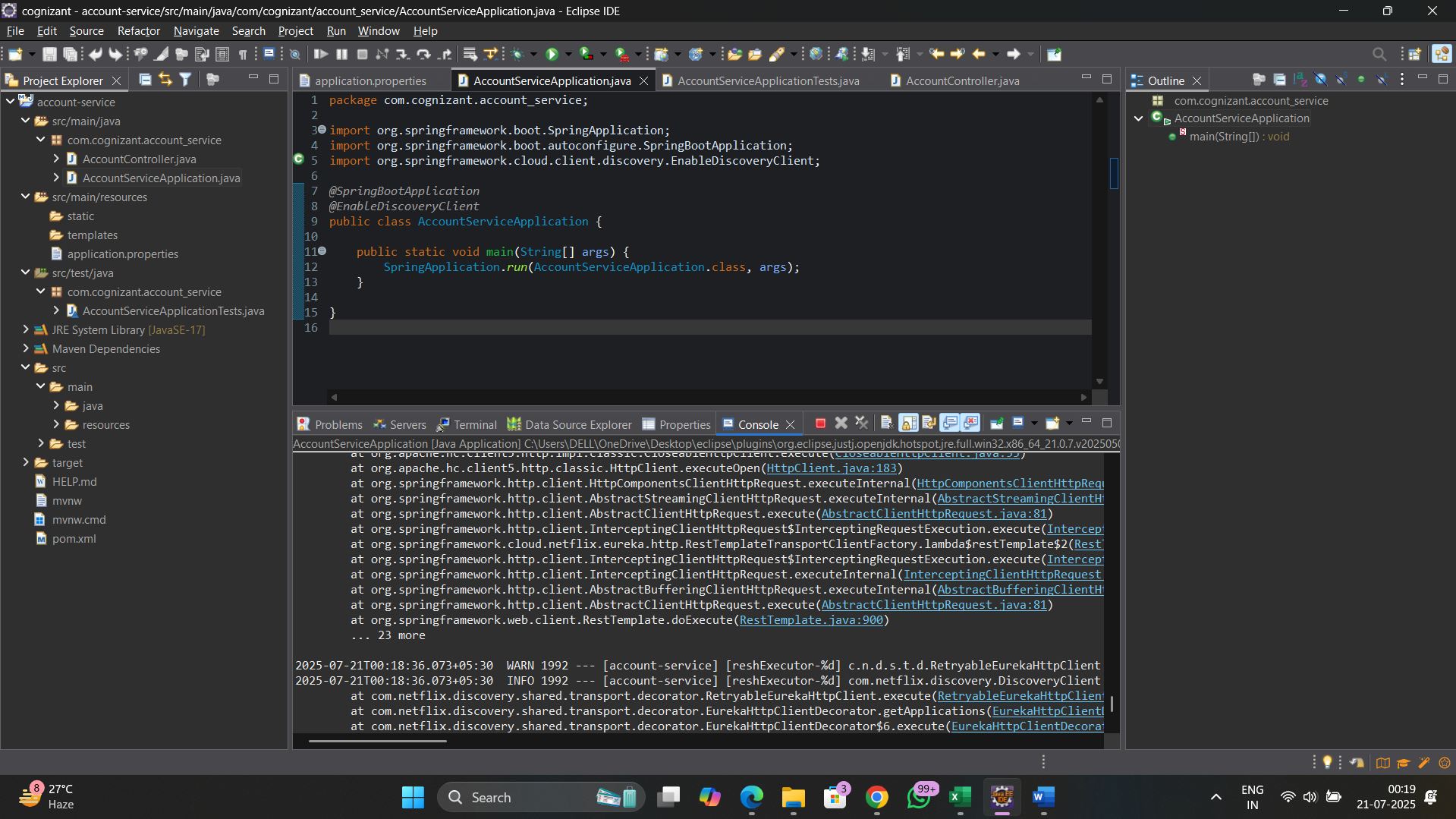
Monolithic Problems:

* All features are in one application (e.g., WAR/EAR).
* One faulty service (e.g., memory leak in getAccountBalance) brings the whole system down.

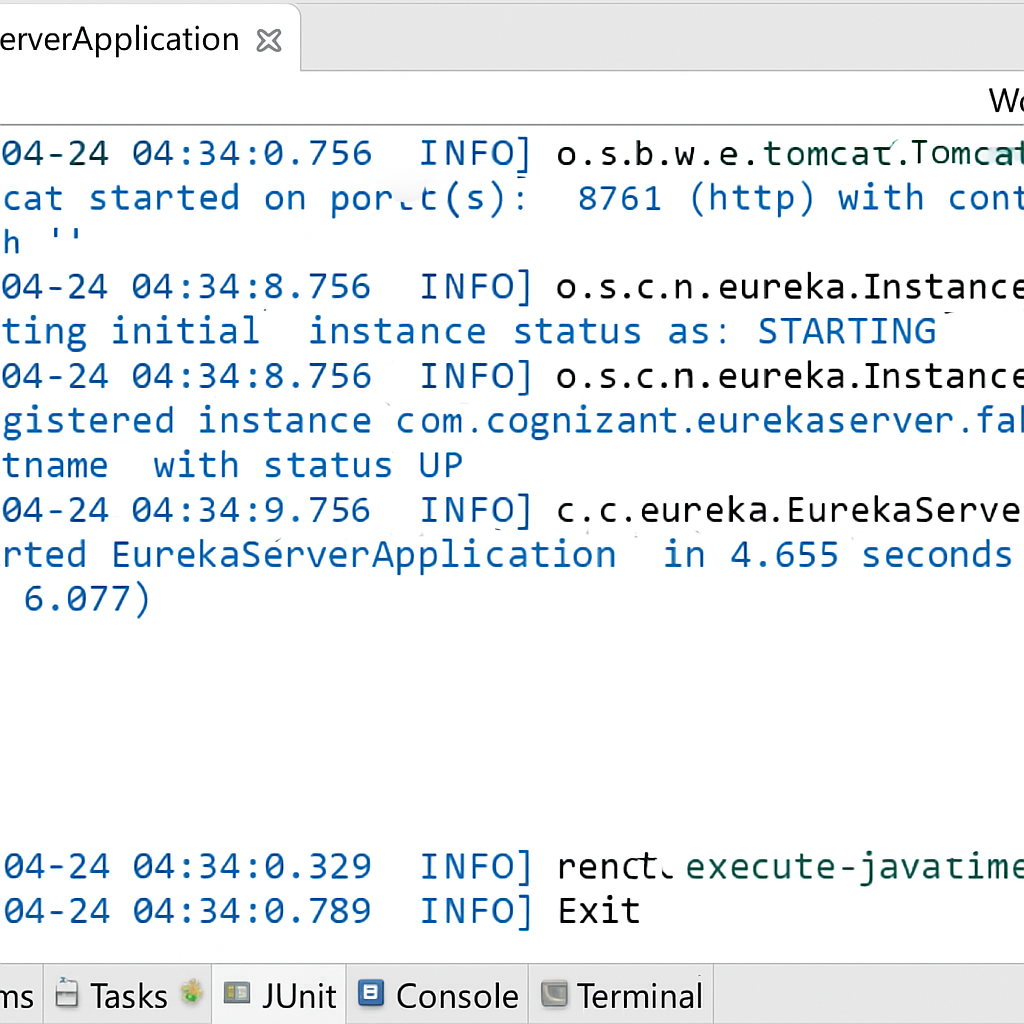
Microservices Benefits:

* Each service is independent, decentralized, scalable.
* Easier fault isolation, agility in development.
* Example: Separate services for Accounts, Loans, etc.

**2. Microservices with API gateway**

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**Log outputs**

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**WEB BROWSER OUTPUT**

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