

Client vs Server

◆ Client কী?

👉 Client হলো যে request পাঠায় এবং result দেখতে চায়।

Examples:

- Web browser (Chrome)
- Mobile app
- Postman
- Frontend (React / Next.js)

❖ Client কী করে?

- User input নেয়
- Server-এ request পাঠায়
- Response দেখায়

◆ Server কী?

👉 Server হলো যে request receive করে, process করে, response দেয়।

Examples:

- Backend app (Node.js, Java Spring, Django)
- API server

❖ Server কী করে?

- Business logic চালায়
- Database থেকে data আনে
- Authentication করে
- Response পাঠায়

⌚ Client–Server Flow (Simple)

```
Client    ----request---->    Server  
Client    <---response---->    Server
```

Example:

1. Client → “Login request”
2. Server → “User valid + token”



FAANG Interview Line (Use This)

“Clients handle presentation and user interaction, while servers handle business logic, data processing, and persistence.”



One-Line Summary

Client asks. Server decides.