— Dynamic <u>Queries</u>
           └→ Data ← Runtime
        └→ Compile time → `?` (place-holder)

"Select * from Employee where eno = ?"

Dynamic - parametarised Queries

[Statement] ← Static Queries
    ↑
[PreparedStatement] ← Dynamic parametarised
                Queries ⟶ faster

[Statement]

"select * from emp" → DB ⏁
              ✓ Compile
              ✓ execute

[Client Layer] ✓
   ↓
[Service - Layer] ✓
   ↓
[Service - Impl Layer] ✓
   ↓
[DAO - Layer] — CRUD
   ↓
[DAO Impl Layer]

[PreparedStatement]

"Select * from emp where
    eno = 9" ⟶ DB ⏁
| Compiled | ← ✓ Compile
| Cache | ⟶ execute

DAO — Data
      access
         Object

Database