\*Explain ORM?

Object-relational mapping (ORM) is a way to align programming code with [database](https://www.techtarget.com/searchdatamanagement/definition/database) structures. ORM uses [metadata](https://www.techtarget.com/whatis/definition/metadata) descriptors to create a layer between the programming language and a relational database. It thus connects object-oriented program ([OOP](https://www.techtarget.com/searchapparchitecture/definition/object-oriented-programming-OOP)) code with the database and simplifies the interaction between [relational databases](https://www.techtarget.com/searchdatamanagement/definition/relational-database) and OOP languages.

The idea of ORM is based on [abstraction](https://www.techtarget.com/whatis/definition/abstraction). The ORM mechanism makes it possible to address, access and manipulate [objects](https://www.techtarget.com/searchapparchitecture/definition/object) without having to consider how those objects relate to their data sources. ORM lets programmers maintain a consistent view of objects over time, even as the sources that deliver them, the sinks that receive them and the applications that access them change.