MySQL

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1. MySQL is a Relational Database Management System (RDBMS)
   - **DBMS**- Allows to store and retrieve infos from a DB
   - **RDBMS-**uses a particular structure for the data called the relational model.
     -this model allows diff info to be connected in meanigful way
2. **How does MySQL store and retrieve data?**
   - Using CLIENT SERVER MODEL
     1) DB typically resides on a Server and accessed via a client through InterneT
     2) A client can be an Interface for direct manipulation such as phpMyaDMIN ,WEBSITE,App,or program which operates behind scenes.

3. How does client communicate with the Server?
   - Using SQL(Structured wuery language)
   - SQL is used in All RDBMS
4. What Data types MySQL supports?
   - Supports all Data types Known as well as other types ,JSON data type
   - Allows for more efficient storeage by having diff type scalling ,ex:
     mediumint-tinyint-smallint,bigint   ……
➢ DATA affect   space used and processing efficiency, affect the types of operation that can be done
5. How to choose the best type of data
   - what is going to be stored (format and length)
   - How you want to organize it (name or date or number..)
   - Its much easier to connect data of the same type so think of that before choosing

XAMMP =package having mySql and phpmyAdmin and others tools