Tuesday 30.11.21

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| 2hrss |  |
| Things to know ACID etc |  |
| Enity relationshio->ingredients->map to relational schema |  |
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**Content**

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| Er diagram/deconstruct | ISA HIERARCHIES  ISA into relational schema (disadv and disadv) |
| ADv and disadvs of mapping |  |
| code |  |
| SQL slides (aggregate) | Nested queries |
| Relational algebra [selection] | Logical and physical plan ->algrbaric properties |
| Joins (nested joins) |  |

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| Html | Relevant to explaning tasks in web server. Basic knowledge |
| Three tier architecture | What their names and purpsoes [knowledge questions]  Name three tiers and explain |
| Get requests | Diff btw get, rest, key value pairs |
| Normal forms an d how they are defined, generating normal forms | B+ tree index and key prop |
| Transactions | Acid works, acid violated, anamolies occurring  Two phase locking protocol |
| Security and authorization | How sql injection works, rest not relevant |
| Nosql.new swl | ECLAPNING, RELAYIONAL MODEL AND OTHER MODELS.  Slide 9, real world undertsanding and relational model used  Array queries |
| Big data | Enumerate and explain  Example of volume, variety etc 17 |
|  | What newsql means  What makes dbws slow? |