1. Theory
   1. Install mysql2 package.
   2. Prove db connection works.
   3. Then start your code
      1. Don’t think look at the examples we have written in the class and copy paste. And not modify my code..
2. Create a table called item with itemno integer, primary key, itemname varchar(15), price integer, category varchar(15)
   1. Demonstrate
      1. Insert
      2. Update -- category and price
      3. Multi select – query on category
      4. Single select -- query on itemno.
3. Create a table called resource with resource id integer, primary key, resourcename varchar(15), status boolean
   1. Demonstrate
      1. Insert
      2. Update -- category and price
      3. Multi select – query on status
      4. Single select -- query on resourceid.
4. Build a complete UI by using jquery on presentation, real server side with database where scenario is very simple, if we give pincode, areaname should appear.
   1. In one textbox we type pincode, when blur event occurs show the area name next to the pincode textbox.
5. Change the donkeys name
   1. Build a complete UI by using jquery on presentation, real server side with database where scenario is very simple, if we give acno, balance should appear.
   2. In one textbox we type accno, when blur event occurs show the balance, should appear next to the acno textbox.
6. Poets will not complete 4 and 5, to systematically --look at the mind map