

## Exercise 2.1-1

### Quick Questions / Class Exercises to

#### 2.1 General Chemistry and Structure

▀ We had the following class exercises:

- Ponder the [history](#) of "**LCD**" flat panel displays.
- [Why does the world need saving](#)? How shall it be done?
- [Why do we use crystals](#), preferably single crystals, preferably "perfect" single crystals in case of doubt?
- Supply [examples for critical parameter](#) - component couplings.
- [What makes a semiconductor interesting](#) for technology?
- How would you like your [bandgap](#), Sir?
- What does it mean to [dope a semiconductor](#) in reality?
- Come up with **2 - 3** examples where [product requirements transfer to shape / structure requirements](#).
- [Can you still afford it](#) if your present product is hugely successful? - What could that mean?
- [Provide examples \(and criteria\)](#) for the products listed



#### **Solution**