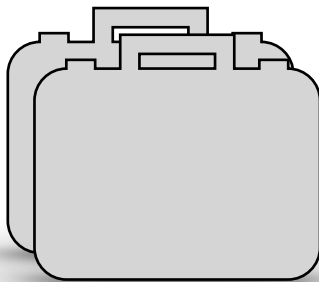
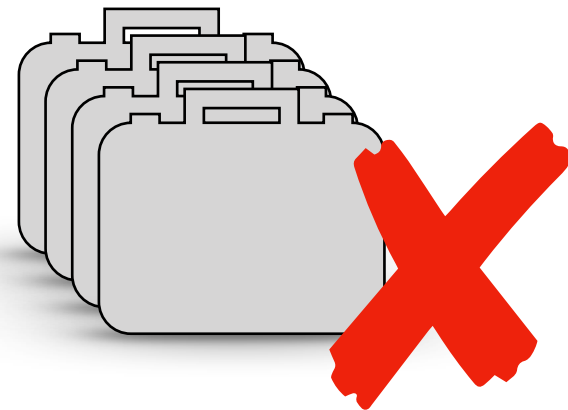


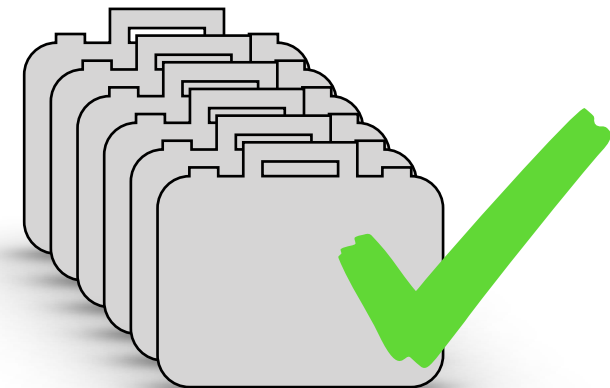
*start with **one** resource*



*iteratively increase resource*



*until a violation is found*



*until a **pre-specified** upper bound*