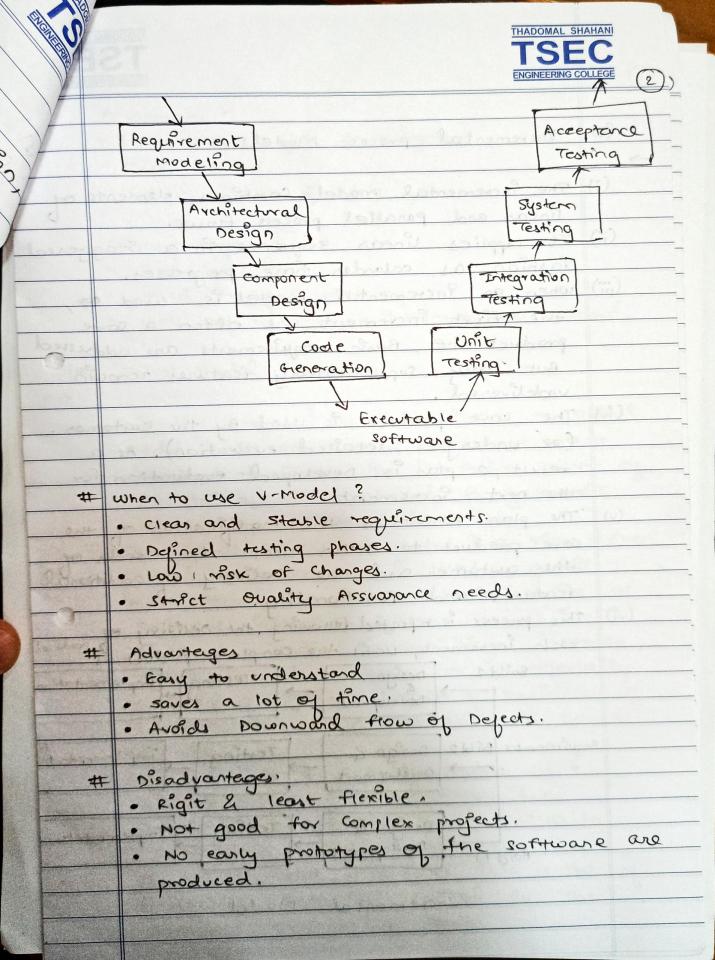
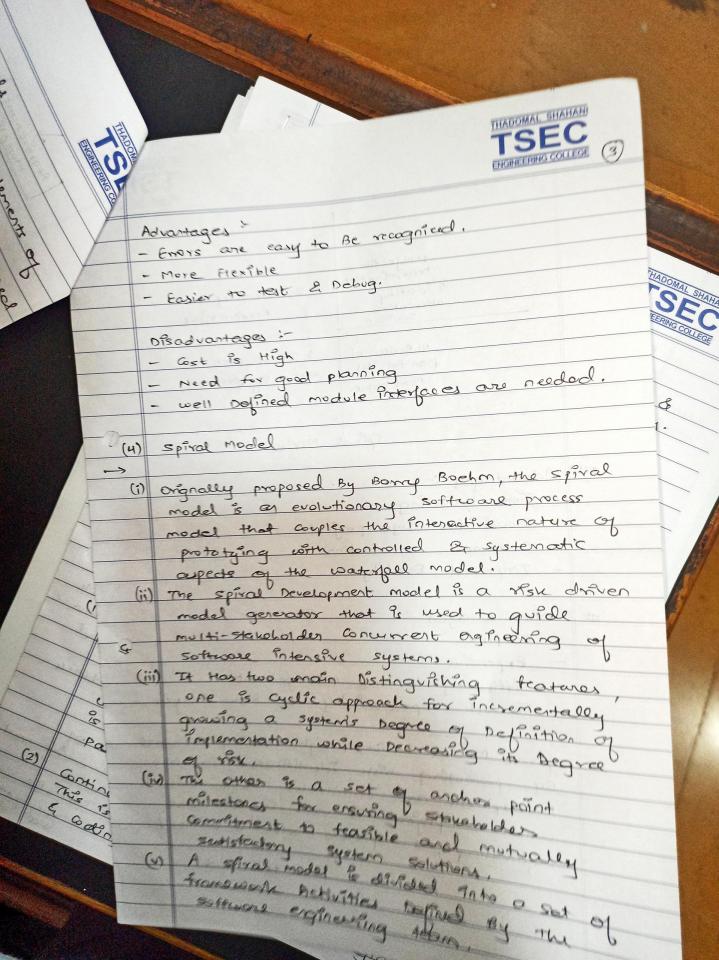
for example: In a library management system, phases Producte requirement malysis, system resign Implementation, testing, Develop Deployment and maintenance. Once a phase is finished, it Doesn't return to previous stages when to use waterfall model?

• well understood requirements. · very little changes expected · Small to medium size projects. · client prefers a linear à sequential approach · Limited Resources. (2) V-Model > (i) A variation in the representation of the waterfall model is called the v-model. It Appis also referred to as the relationship of validation model. It pepiets the relationship of ovality associated with communication, modelling and early construction Activities. (iii) In the v-model, as the team moves bown the reft side, requirements are refined into Detailed solutions. Once Cading is Done they move up the night side, performing tests to validate each Development phase exsuring quality at every step.





(3) Incremental process Models The incremental model combines elements of finear and parallel process flows. It applies linear sequence in a Staggered fashion as calarder time progresses. when an Procemental model is used to, the first increment are often a core product i.e. Basic requirements are addressed But many supplementary features remain undelivered. (iv) The core product is used by the customer (or undergoes detailed evaluation). As a result a plan is neveloped evaluation for the next invenent. The plan addresses the modification of the core product to Better meet the need the automer and the Delivery of additional features and functionality. This process is repeated following the belivery of produced each increment, until the complete product is Build 1 Design Testing Proplementation Development implementation Requirements Bill 2 Design & Development Implementation Model Incremental





1. objective Determination 2. Identify 4 a identify Resolve risks alternative solution. 3. Develop next 4. Review of plan for the version of product next phase. Spral Model. Advantages: - Risk Handling. - Good for large projects customer satisfaction. - Improved Duality. Disadvanteges :complex - Expensive - Difficulty in time management - To much Dependability on Risk Analysis. Spiral Model Deliver High-Quality Softward By promoting risk Identification, iterative Development and continuous client feedback. when a project is vait in software engineering, a spiral model is utilized. ***