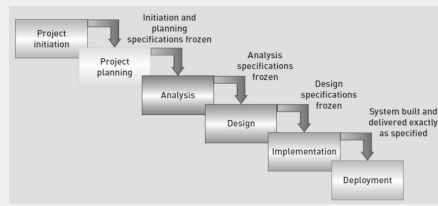
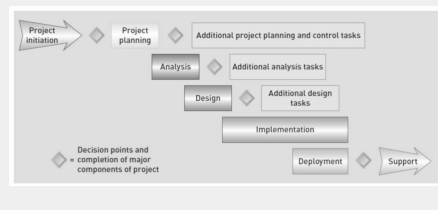


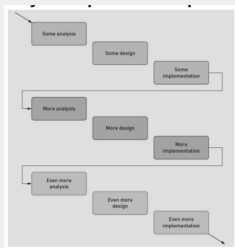
### Traditional Predictive SDLC



### Newer Overlapping Phases Predictive SDLC



### Iterative Model



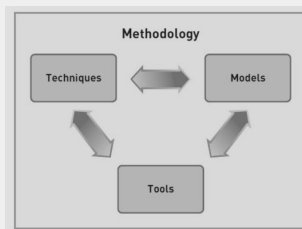
### Support Activities

**Maintaining the system:** Fix problems/error, Make minor adjustments, Update for changes in operating systems or environments

**Enhancing the system:** Add desired functionality, Add or change functionality to comply with regulations or legislation

**Supporting the users:** Ongoing user training, Help desk

### Methodology

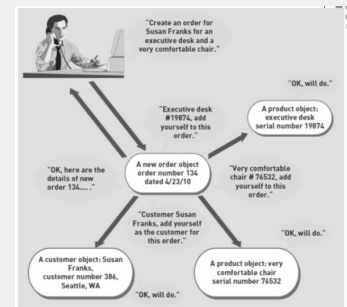


### Two Approaches

To Software Construction and Modeling:

1. The Structured Approach  
Earlier approach. Assumes a system is a collection of processes that interact with data. Structured analysis, design, and programming
2. The Object-Oriented Approach  
More recent approach. Assumes a system is a collection of objects that interact to complete tasks. OO analysis, design, and programming

### The Object-Oriented Approach



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Published 31st May, 2015.

Last updated 13th May, 2016.

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