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## Software Processes

1. Consider the following characteristics of software process development. In the table below, complete the column for software process development model . You may select from the following words: Extreme programming, Spiral, Reuse oriented, Waterfall, Prototype, Formal transformation, Component-based, Incremental.

<b>Characteristic</b>	<b>Software process development model</b>
True implementation of specifications	
Recommended when requirements are well known at start and stable	
Recommended for systems having security requirements	
The system is assembled from existing components	
Risks are explicitly assessed	
Integration rather than development	
Develop an initial implementation and then refine	
The highest priority services tend to receive the most testing	
COTS may be used in development	
Inflexible partitioning of development into distinct stages	
Relies on the availability of components	
Requirements are prioritized and highest priority requirements are delivered first	
Working software is the primary measure of success	
System functionality is available earlier	

## Complete:

1. UML means \_\_\_\_\_
2. UML is used in \_\_\_\_\_
  
1. In object classes, **public level** visibility means that usability of attributes and methods extend to
2. In object classes, **protected level** visibility means that usability of attributes and methods is open only to classes that \_\_\_\_\_ from original class
3. In object classes, **private level** visibility means that usability of attributes and methods is open only to the \_\_\_\_\_ class
4. \_\_\_\_\_ model shows how classes are composed of other classes
- 5.

## Mark T (True) or F (False):

6. Object models describe the system in terms of object classes
7. Data modelling is described by ER diagrams
8. In object classes, **public level** visibility means that usability of attributes and methods extend to other classes
9. In object classes, **protected level** visibility means that usability of attributes and methods is open only to classes that inherit from original class
10. In object classes, **private level** visibility means that usability of attributes and methods is open only to the original class
11. The UML uses an asterisk (\*) to represent *more* and to represent *many*
12. Aggregation model shows how classes are composed of other classes
13. In a sequence diagram, message that's closer to the top occurs in time **after/before** a message that's closer to the bottom