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Design Patterns:

Factory Pattern/ Method pattern: define an interface or abstract class for creating an object but let the subclasses decide which class to instantiate. It allows the subclasses to choose the type of objects to create.

Use:

* When a class doesn't know what sub-classes will be required to create
* When a class wants that its sub-classes specify the objects to be created.
* When the parent classes choose the creation of objects to its sub-classes.

Cursor: A java Cursos is an iterator that is used to iterate or traverse or retrieve a collection or stream objects elements one by one.

* Enumeration- The Enumeration interface defines the methods by which you can enumerate the elements in a collection of objects.
* Iterator- It is one of the predefined interfaces present in java. util.\* package. The purpose of this interface is that to extract or retrieve the elements of the collection variable only in the forward direction but not in the backward direction and it is a universal cursor.
* List Iterator- using list iterator we can traverse a List or Set in the forward direction and backward direction also.