**Dependency injection =** is where a needed dependency is injected by another object.

**Types of dependency injection :**

* **class properties –** least prefered
* **setters –** area of much debate
* **constructor –** most prefered

**DI via interfaces is highly preferred**:

* allows runtime to decide implementation to inject
* also, makes your codemore testable

**Inversion of Control (IoC):**

* is a technique to allow dependencies to be injected at runtime

**DI refers much to the composition of your classes** : ie, you compose your classes with DI in mind

**IoC is the runtime environment of your code** : Spring is in control of the injection of dependencies

* inversion of controls determines what objects to actually injects.