* @Component---------------@Component ,@Service, @Controller, @Repository all these are stereo type annotations supplied by spring. @Component annotation is used to configure java class as spring bean.
* @Service---------------------it is used to make spring bean as service layer component
* @Controller-----------------it is specialization of @Component annotation used to configure as controller layer component to received request and process the requests received from clients.
* @Repository----------------it is also a specialization of @Component annotation which is used to make spring bean as DAO layer component. It will be able to convert the one form of exceptions into another form of exceptions.
* @Required------------it is used to specify that DI is mandatory on some properties but it is removed from spring 2.5
* @Autowired----------it is used to enable byname, byType, constructor mode of auto wiring. It is spring supplied annotation. It can be applied at field level. constructor level, setter method level, orbitrary method level. it can be applied on only one parameterized constructor but there is no limit for methods and fields.
* @Value-------------it is used to perform DI on simple type properties
* @Qualifier---------it is spring supplied annotation. When we enable byType mode of auto wiring there is a chance to get ambiguity problem when multiple properties are found to inject to the target. so to overcome this problem we can use @Qualifier annotation so that IOC container performs byname mode of autowiring.
* @Configuration----------it is used to make java class as Configuration class .it is alternate for spring bean xml configuration file. configuration class will have methods that each method will create and return the object of spring beans.to make the returned objects as spring beans we have to use @Bean annotation.
* @Bean------------------------it used to make the return type of methods of configuration class as spring beans.
* @ComponentScan---------it is alternate for < context:component-scan >tag used in xml file. using this we can specify the list of packages where we used stereo type annotations annotations like constroller,service….so that IOC container will search the packages and apply the functionality at runtime.it is mainly used to reduce the scan time.
* @Dependson----------------in order to create one bean class object after creating one bean class object only.then we can use this annotation.it will take bean id of the depedent bean.
* @Lazy---------------as we know that all the singleton scpe beans will be preinstantiates at the time of activating the container itself. But if you want to delay the instantiation of singleton beans you can use @Lazy annotation .it will take Boolean value true or false.if true it performs lazy loading.
* @Scope----------used to specify the scope of spring bean.values can be singleton,prototype,session,request.
* @RequestParm------------to specify the request parameters
* @PathVariable-----------------it is used to specify the path variable which will be appended to the url as wury param.it will be appended to url with “/”.multiple parameters will be separated with “/”.
* @ModelAttribute------------it is multi purpose annotation. it is used to make the return type or parameters of the handler methods or command class object as model data so that can be passed to the webview.
* @RequestMapping----------it is spring MVC specific annotation. It is used to map the controller/handler class methods with the incoming request urls based on the virtual path of te uri.
* @InitBinder -----------it is alternate for initBinder() method of SimpleFormController.it is used to convert the form page supplied properties into command class supported properties we need to override initBinder() method.we can bring the same effect using @InitBinder annotation.