LAB 1

1-) Create your dependency injection framework. Your framework cannot have Spring libraries.

- Create '@MyBean' annotation only for classes.
- Create '@MyAutowired' annotation only for fields.
- Create the Injector Class 'MyInjector' to search for annotations and create objects.
    - Scan all classes under the root package and all sub-packages.
    - Create an instance for every class that has '@MyAutowired' annotation.
        - Scan for all fields declared in the class itself.
            - You need to search for auto-wired fields.
    - Create an instance for each auto-wired field.
    - Inject the class with the dependencies.
    - Create a map to hold the instances of classes.
    - Create a 'getBean(Class clazz)' method that returns the object of the class from the Map. Throw a BeanNotFoundException if there is no object of the class in the Map. (You need to create the exception.)