In Last session we discussed below annotations

@Component
@Service
@Repository

@Controller
@RestController

@Configuration
@Bean (Method Level Annotation)

Auto Wiring

-> As part of application we will develop several classes

-> One class method needs to talk to another class method to execute functionality

-> In order to access one class method in another class method we need to perform
   dependency injection

-> In Spring Framework IOC container will perform dependency injection

-> To give instructions to IOC to perform Dependency Injection we will use Auto-Wiring

=> Auto Wiring is used to inform IOC to perform Dependency Injection

=> To enable Auto Wiring we will use @AutoWired annotation

=> @AutoWired annotation we can use at below 3 places

> i) Setter method level (Setter Injection)
> ii) Constructor Level (Constructor Injection)
> iii) Field Level (Field Injection)

==

```
@Repository
public class UserDao {

    public boolean save() {
        // logic to insert user into DB
        return true;
    }
}
```
==

```java
@Service
public class UserService {

    @Autowired
    private UserDao userDao;

    /*@Autowired
    public void setUserDao(UserDao userDao) {
        this.userDao = userDao;
    }*/

    /*@Autowired
    public UserService(UserDao userDao) {
        this.userDao = userDao;
    }*/

    public void saveUser() {
        boolean status = userDao.save();
        if (status) {
            System.out.println("Record Inserted");
        } else {
            System.out.println("Record Not Inserted");
        }
    }
}
```

==

```java
@SpringBootApplication
public class Application {

    public static void main(String[] args) {
        ConfigurableApplicationContext context = SpringApplication.run(Application.class, args);
        UserService userService = context.getBean(UserService.class);
        userService.saveUser();
    }
}
```

==