

# **#10 challenge – Day 3**

## **Spring boot**

## Project Statement:

In Navin sir office he has many products placed in different places. We need to develop a **Product management system** to organise them like add product, view all product, ..etc

### Properties of product

Name  
type  
place  
warranty

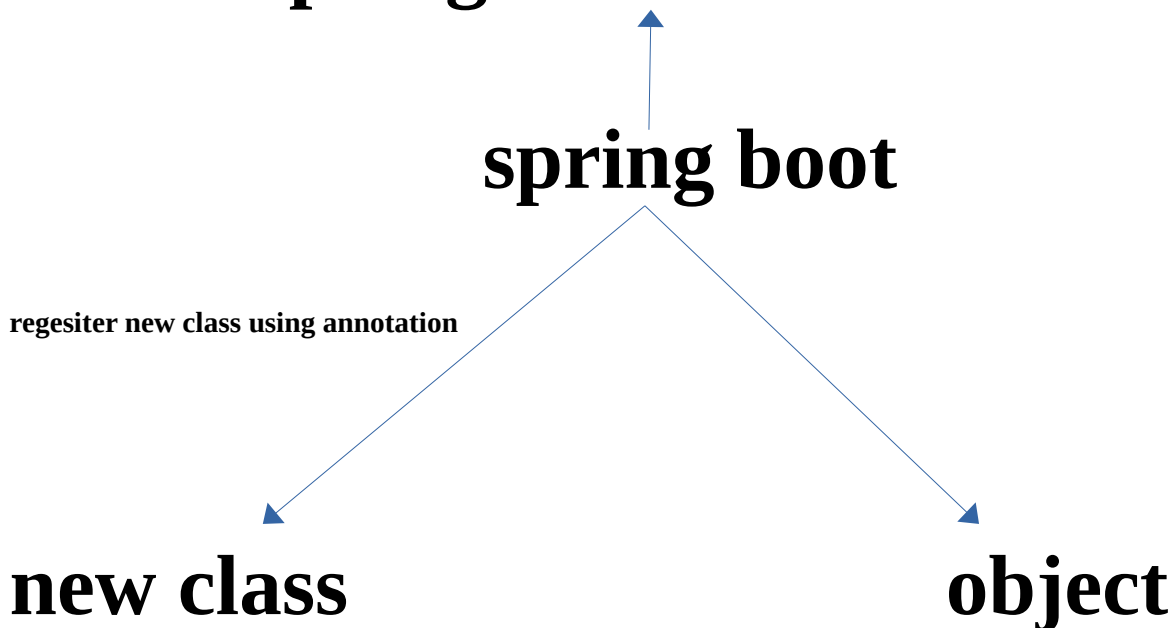


# Spring boot

**It is a java framework  
only to configure**

## Dependency Injection

### Spring bean container



**Spring boot tells us that when ever you creating a new class just let me know. Once we inform that we created new class using annotation spring boot create the object in the form of bean and store in spring containter and when ever we need**

object of the class spring boot gives the object and we no need to create manually

## **We are going to build rest Api**

http://localhost/save-product  
http://localhost/view-product  
etc...

It like function call

for ex

```
void add(int a, int b)
{
    print(a+b)
}
```

```
main()
{
```

```
add(2,3);  
add(4,6); }
```

here how we define add() as service and calling using name like this we create service apis and call using the api endpoints

## **Project setup**

**Database**



**Repository Layer**



**service Layer**



**Controller Layer**