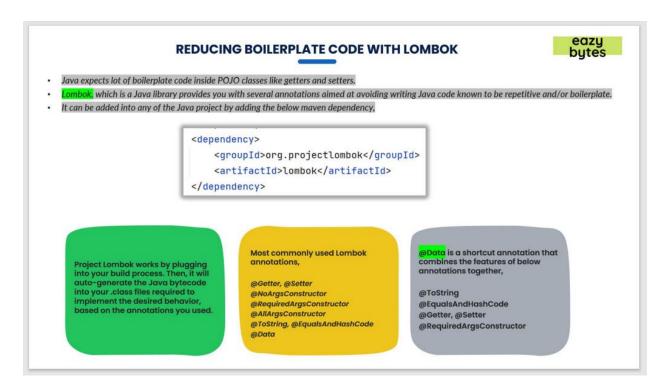
91.Introduction to Lombok Library

Lombok is a Java Library which helps the developers by providing getters, setters, constructor and Constructor, to String and few Other for POJO Class which user provides.

During Compilation process if an Lombok annotation is specified it will add the getters, setters, constructor and Constructor, to String and few Other and generate the byte code.



@Slf4j Annotation

@Slf4j, so this annotation will generate a log object which is very equivalent to this line of code.

private Logger log=LoggerFactory.getLogger(ContactController.class);

So we does not have create this Log Object.

Generally for Usage of this log we will be using Copy Paste .So there might be chance we missed updating the class from which it needs to get the log .In order to avoid this we can @Slf4j annotation as it it generates the log Object for the class.

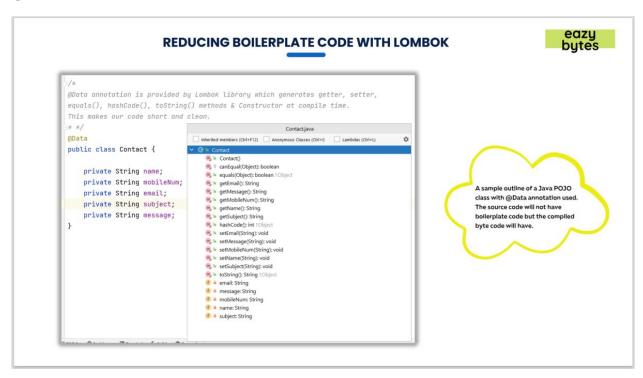
```
import lombok.extern.slf4j.Slf4j;
import org.slf4j.Logger;
import org.slf4j.LoggerFactory;
import org.springframework.stereotype.Service;

losstf4j
loservice
public class ContactService {

//private Logger log=LoggerFactory.getLogger(ContactService.class);
public boolean saveMessage(Contact contact) {

boolean isSaved=true;
Log.info(contact.toString());
return isSaved;
}
```

@Data Annotation



Boiler Plate Code:

Boilerplate code is reusable code that saves you time by providing a basic structure for your projects.

Which of the following is a Java library that provides several annotations aimed at avoiding writing Java code known to be repetitive and/or boilerplate?

JDBC

Apache Log4j

Lombok

Ans: Lombok

