	Name:	StudentID:	
--	-------	------------	--

W1D4: Quiz

CS544 Enterprise Architecture

What is the output of the following application? (The package for all these files is edu.mum.cs544)

```
@Configuration
@ComponentScan("edu.mum.cs544")
public class Config {
    @Bean
    public String text() {
        return "Hello";
    }
}
public class App {
    public static void main(String[] args) {
        ConfigurableApplicationContext context = new
            AnnotationConfigApplicationContext(Config.class);
       System.out.println("Testing Spring Startup");

→ MyClass mc = context.getBean("myClass", MyClass.class);
        mc.sayHello();
        context.close();
    }
}
@Component
public abstract class MySuper {
    private String text;
    public MySuper() {
        System.out.println("MySuper Constructor");
    @Value("Thing")
    public void setText(String text) {
        System.out.println("Setting text to: " + text);
        this.text = text;
    public String getText() { return text; }
}
```

Name: ______ StudentID: _____

```
@Component
@Aspect
public class TraceAspect {
    @Value("Test")
    private String text;
    public TraceAspect() {
        System.out.println("TraceAspect Constructor - text: " + text);
    }
    @PostConstruct
    public void start() {
        System.out.println("TraceAspect start method - text: " + text);
    @Before("execution(* edu.mum.cs544.*.*(..))")
    public void beforeTrace(JoinPoint jp) {
        System.out.println("Before: " + jp.getSignature().getName());
    }
}
```

Output:

My Super Can (fructur Setting text to tello My Class Constructor Setting text to Thing Trace Aspect Constructor text null Trace Aspect Start method text: Test Testing Spring Startup Bafore say Hello This is a Thing Bafore say Hello