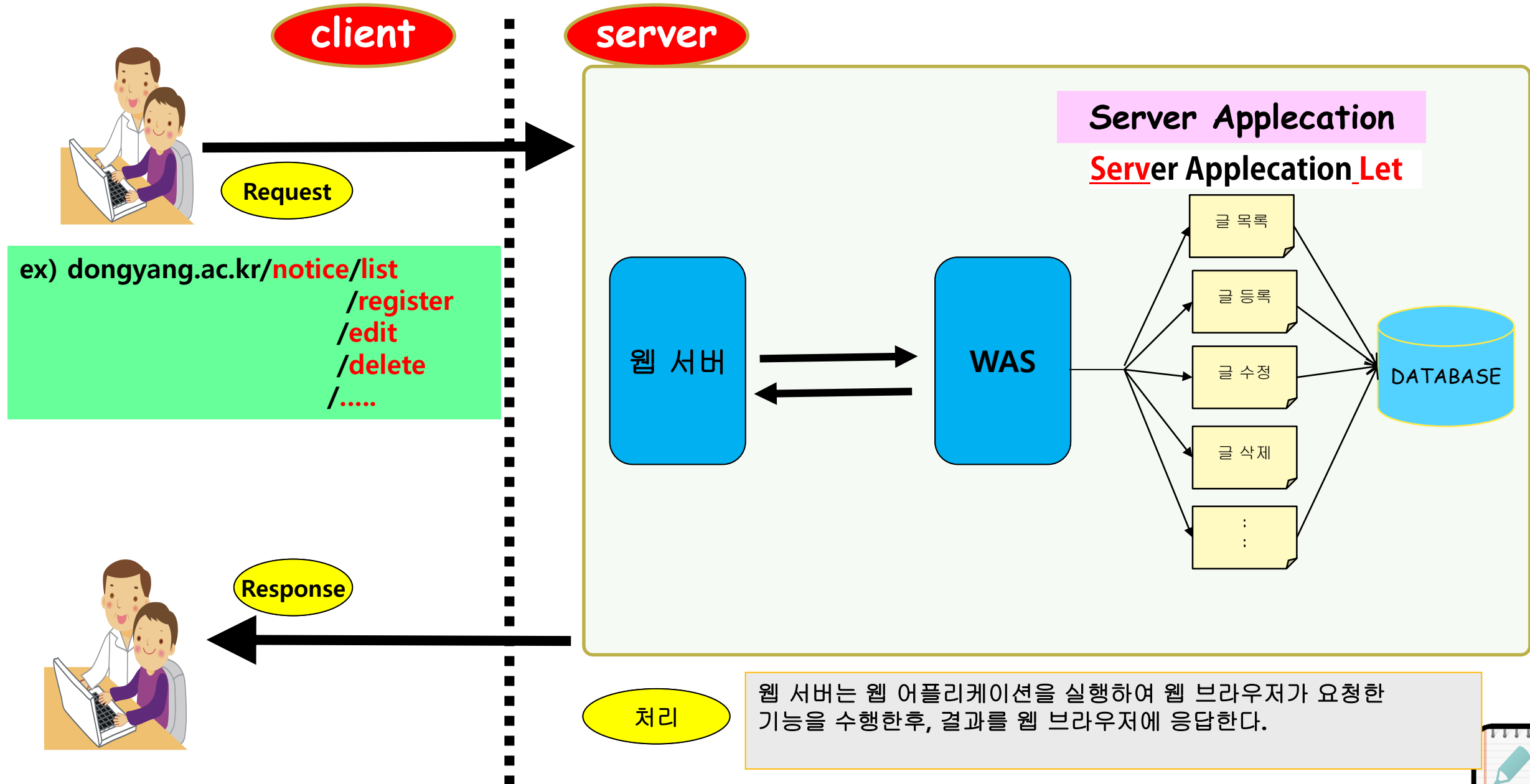


자바실무프로젝트 과목 – 2주차

장용미



동적인 페이지의 웹 프로세스



Servlet 클래스 작성

```
import javax.servlet.*;
```

```
import javax.servlet.http.*;
```

```
import java.io.*;
```

```
public class FirstServlet extends HttpServlet {
```

```
    public void service(HttpServletRequest request, HttpServletResponse response)
```

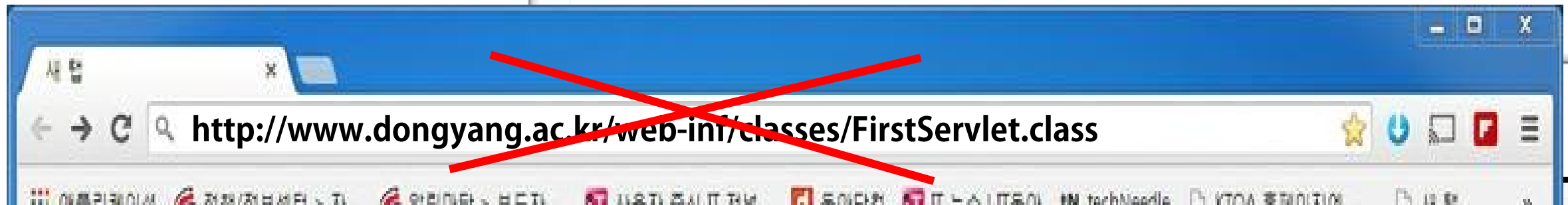
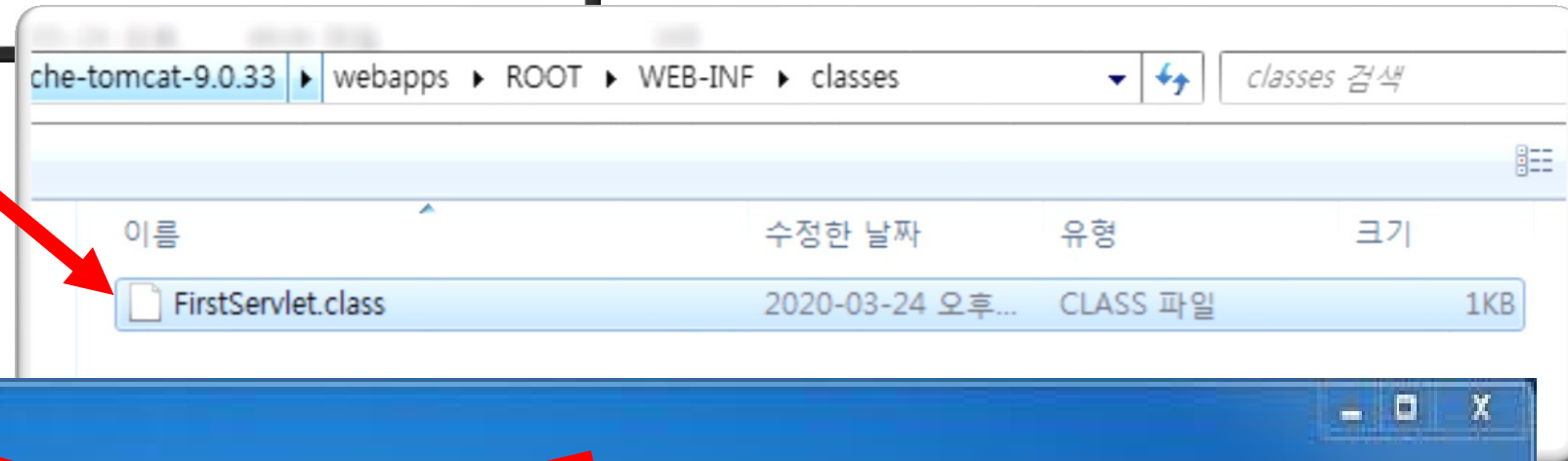
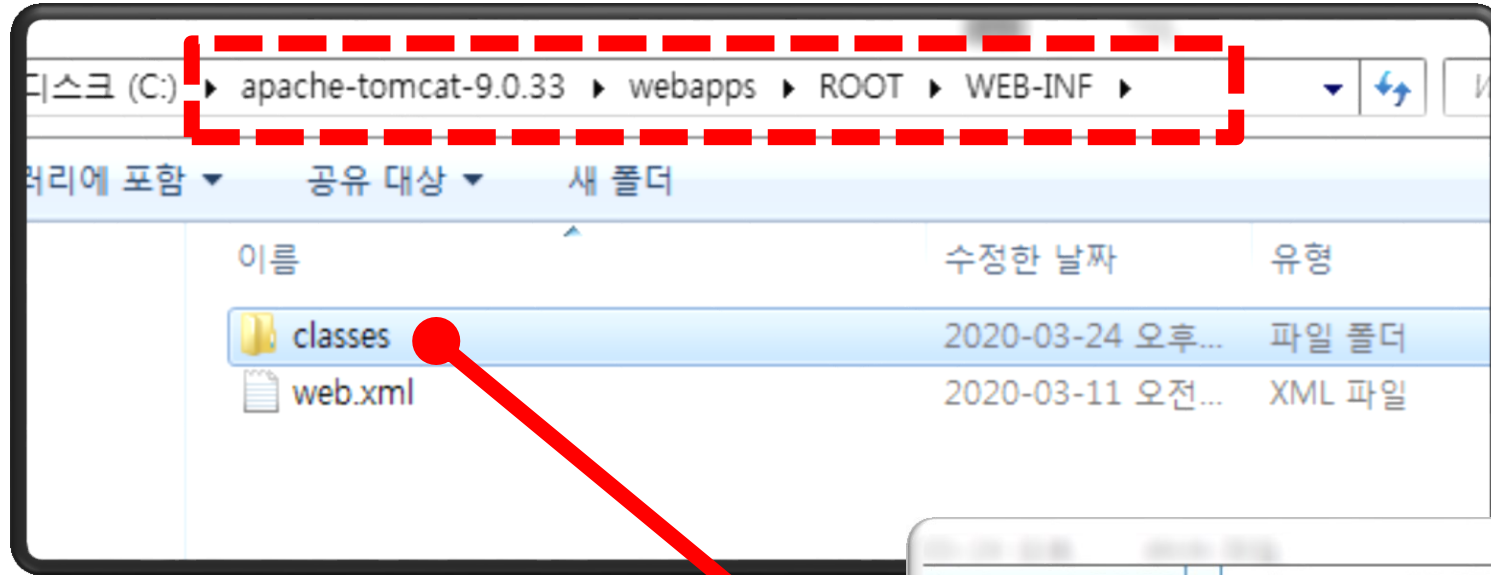
```
        throws ServletException, IOException {
```

```
        System.out.println("hello Servlet!!!");
```

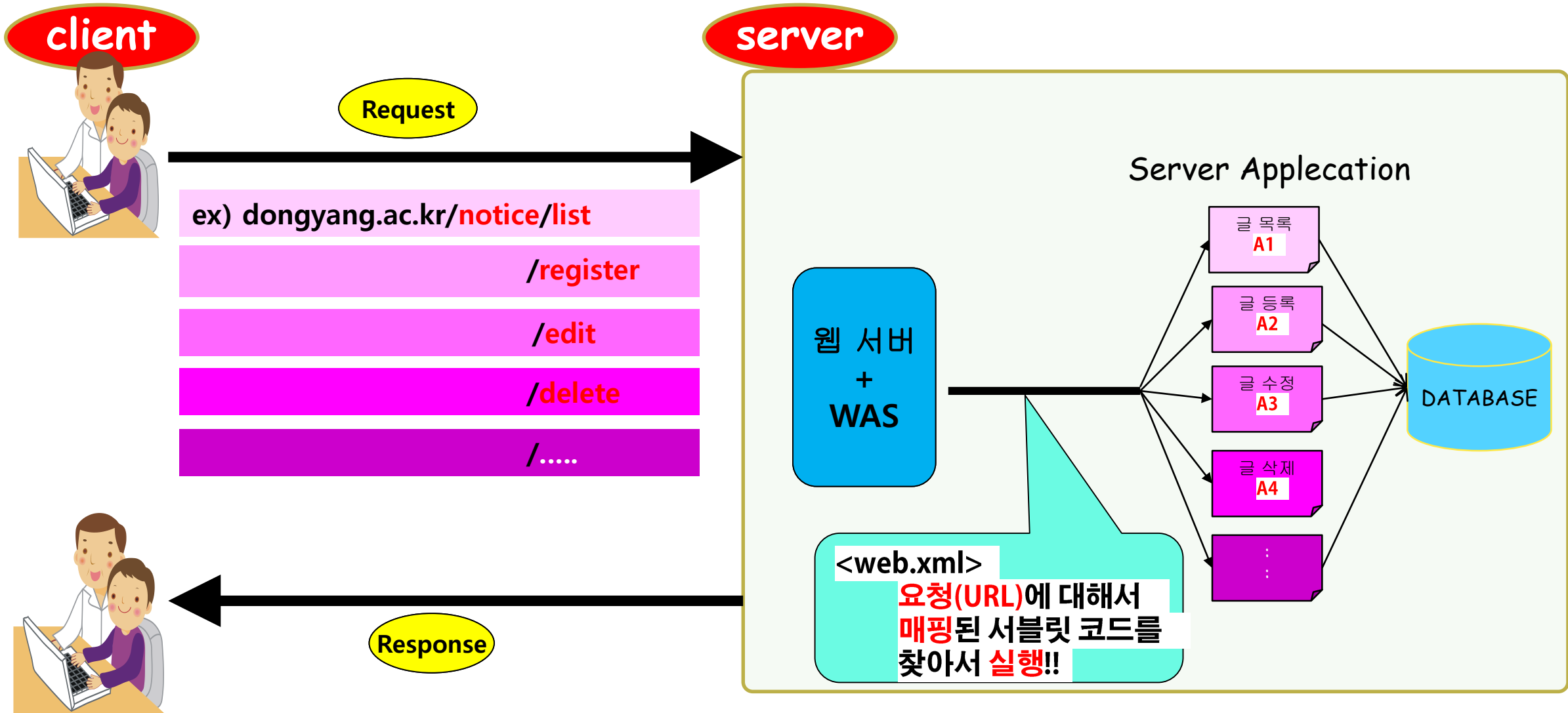
```
    }
```

```
}
```

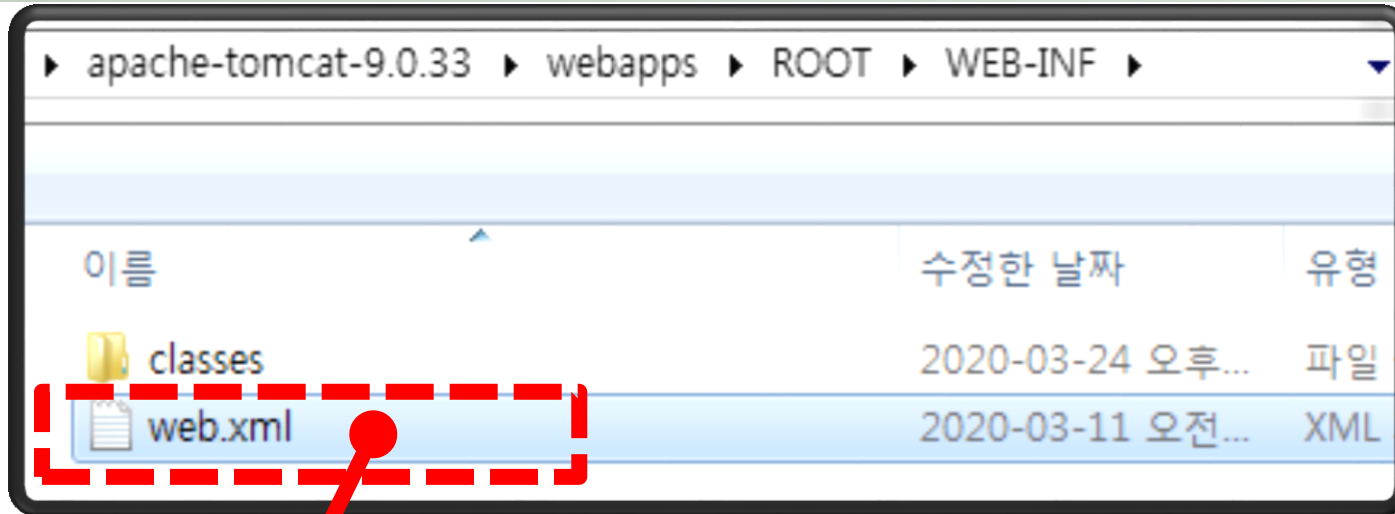
Servlet 클래스 파일 위치



Servlet 클래스 실행



Servlet의 실행을 위한 매핑



```
<servlet>
  <servlet-name> hi </servlet-name>
  <servlet-class> FirstServlet </servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name> hi </servlet-name>
  <url-pattern> /first </url-pattern>
</servlet-mapping>
```



Servlet 웹(브라우저) 입/출력 API (1)

```
import javax.servlet.*;
```

```
import javax.servlet.http.*;
```

```
import java.io.*;
```

```
public class FirstServlet extends HttpServlet {
```

```
    public void service(HttpServletRequest request, HttpServletResponse response)
```

```
        throws ServletException, IOException {
```

```
        OutputStream os = response.getOutputStream( );
```

```
        PrintStream out = new PrintStream( os, true );
```

```
        out.println( "Hello Servlet!" );
```

```
    }
```

```
}
```

Servlet 웹(브라우저) 입/출력 API (2)

```
import javax.servlet.*;
```

```
import javax.servlet.http.*;
```

```
import java.io.*;
```

```
public class FirstServlet extends HttpServlet {
```

```
    public void service(HttpServletRequest request, HttpServletResponse response)  
        throws ServletException, IOException {
```

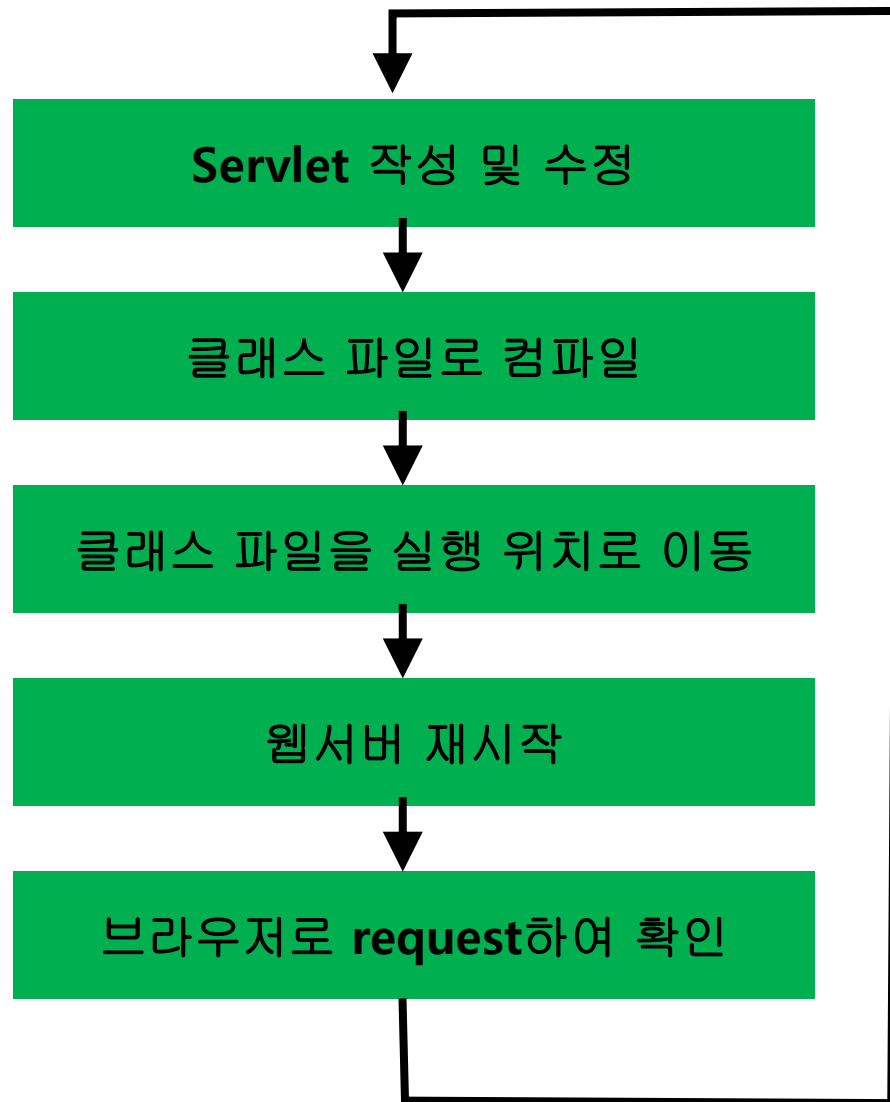
```
        PrintStream out = response.getWriter( );
```

```
        out.println( "Hello Servlet!" );
```

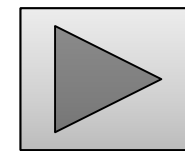
```
    }
```

```
}
```





eclipse



just run!!



Servlet 실행을 위한 매핑 2가지 방법

1. web.xml에 설정
2. 어노테이션 방법으로 설정

web.xml 에서....

```
<web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
    http://xmlns.jcp.org/xml/ns/javaee/web-app_4_0.xsd"
  version="4.0"
  metadata-complete="false">
```

그리고,

```
@WebServlet("/hello")
```

