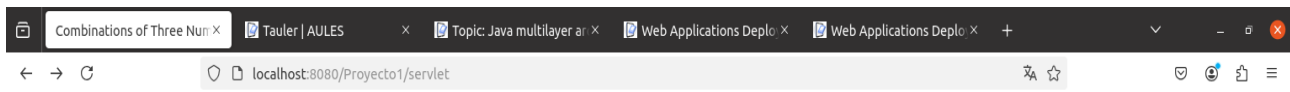


Combinations of Three Numbers from 1 to 5



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111	112	113	114	115	121	122	123	124	125	131	132	133	134	135	141	142	143	144	145	151	152	153	154	155
211	212	213	214	215	221	222	223	224	225	231	232	233	234	235	241	242	243	244	245	251	252	253	254	255
311	312	313	314	315	321	322	323	324	325	331	332	333	334	335	341	342	343	344	345	351	352	353	354	355
411	412	413	414	415	421	422	423	424	425	431	432	433	434	435	441	442	443	444	445	451	452	453	454	455
511	512	513	514	515	521	522	523	524	525	531	532	533	534	535	541	542	543	544	545	551	552	553	554	555

My code:

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

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

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

```
public class MiServlet extends HttpServlet {
```

```
    public void doGet(HttpServletRequest petition, HttpServletResponse respuesta) throws
    ServletException, IOException {
```

```
        // Prepare the output stream
```

```
        PrintWriter impresor = respuesta.getWriter();
```

```
        // Set content type to HTML
```

```
        respuesta.setContentType("text/html");
```

```
        // Start generating HTML content
```

```
        impresor.println("<html>");
```

```
        impresor.println("<head><title>Combinations of Three Numbers</title></head>");
```

```
        impresor.println("<body>");
```

```
impresor.println("<h1>Combinations of Three Numbers from 1 to 5</h1>");
```

```
// Start the table with one row
```

```
impresor.println("<table border='1' style='border-collapse: collapse;'>");
```

```
int count = 0; // Counter for generated combinations
```

```
// Loop to generate the combinations
```

```
for (int i = 1; i <= 5; i++) {
```

```
    for (int j = 1; j <= 5; j++) {
```

```
        for (int k = 1; k <= 5; k++) {
```

```
            // Generate the combination in the format 'iijjkk'
```

```
            String combinacion = "" + i + j + k;
```

```
            impresor.print("<td>" + combinacion + "</td>");
```

```
            // Increment the combination counter
```

```
            count++;
```

```
            // After every 10 combinations, add a new row (<tr>)
```

```
            if (count % 25 == 0) {
```

```
                impresor.println("</tr><tr>"); // New row for the table
```

```
            }
```

```
        }
```

```
    }
```

```
}
```

```
// Close the last row and HTML tags
```

```
impresor.println("</tr>"); // Close the last row
```

```
impresor.println("</table>");
```

```
    impresor.println("</body>");  
    impresor.println("</html>");  
}  
}
```