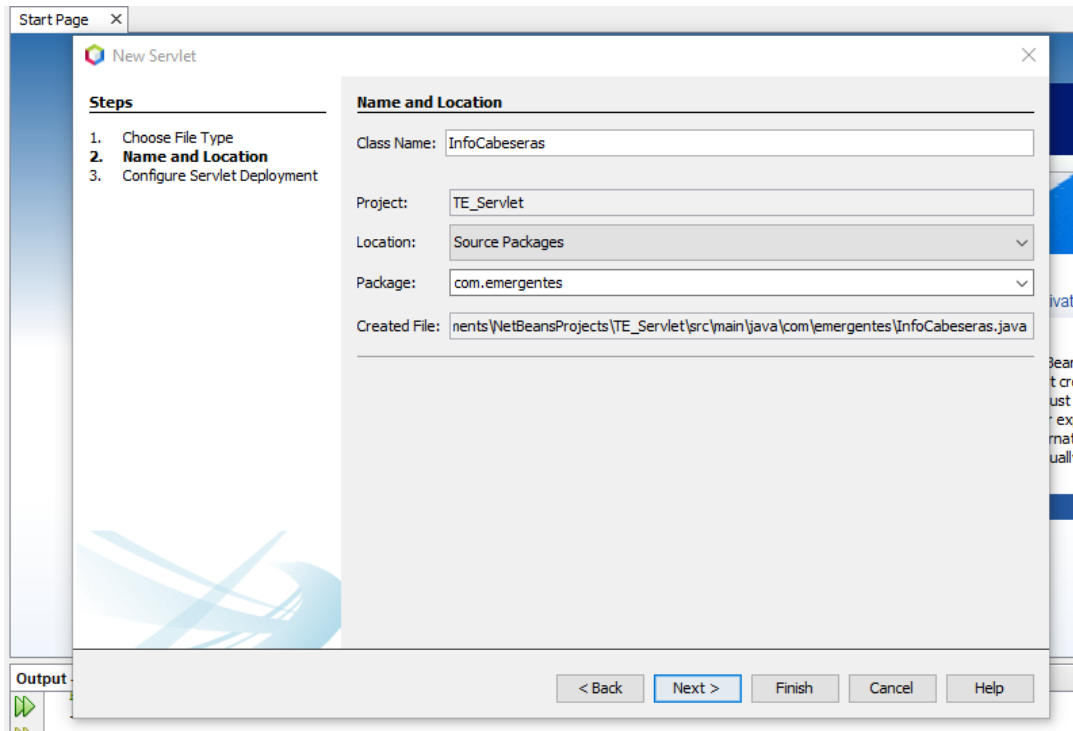


Nombre: Nelly Noemi Limachi Quispe CI: 6861879 LP  
Materia: TECNOLOGÍAS EMERGENTES II  
Paralelo: 7mo "C" Fecha: 27/08/2021

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## Programar los servlets

### - InfoCabeceras



```
1 package com.emergentes;
2 import java.io.IOException;
3 import java.io.PrintWriter;
4 import java.util.Enumeration;
5 import javax.servlet.ServletException;
6 import javax.servlet.annotation.WebServlet;
7 import javax.servlet.http.HttpServlet;
8 import javax.servlet.http.HttpServletRequest;
9 import javax.servlet.http.HttpServletResponse;
10
11 @WebServlet(name = "InfoCabeceras", urlPatterns = {"/InfoCabeceras"})
12 public class InfoCabeceras extends HttpServlet {
13
14     protected void doGet(HttpServletRequest request, HttpServletResponse response)
15         throws ServletException, IOException {
16
17         response.setContentType("text/html;charset=UTF-8");
18         PrintWriter out = response.getWriter();
19         try {
20
21             out.println("<!DOCTYPE html>");
22             out.println("<html>");
23             out.println("<head>");
24             out.println("<title>Servlet InfoCabeceras</title>");
25             out.println("</head>");
26             out.println("<body>");
27             Enumeration e = request.getHeaderNames();
28             while (e.hasMoreElements()) {
```

```

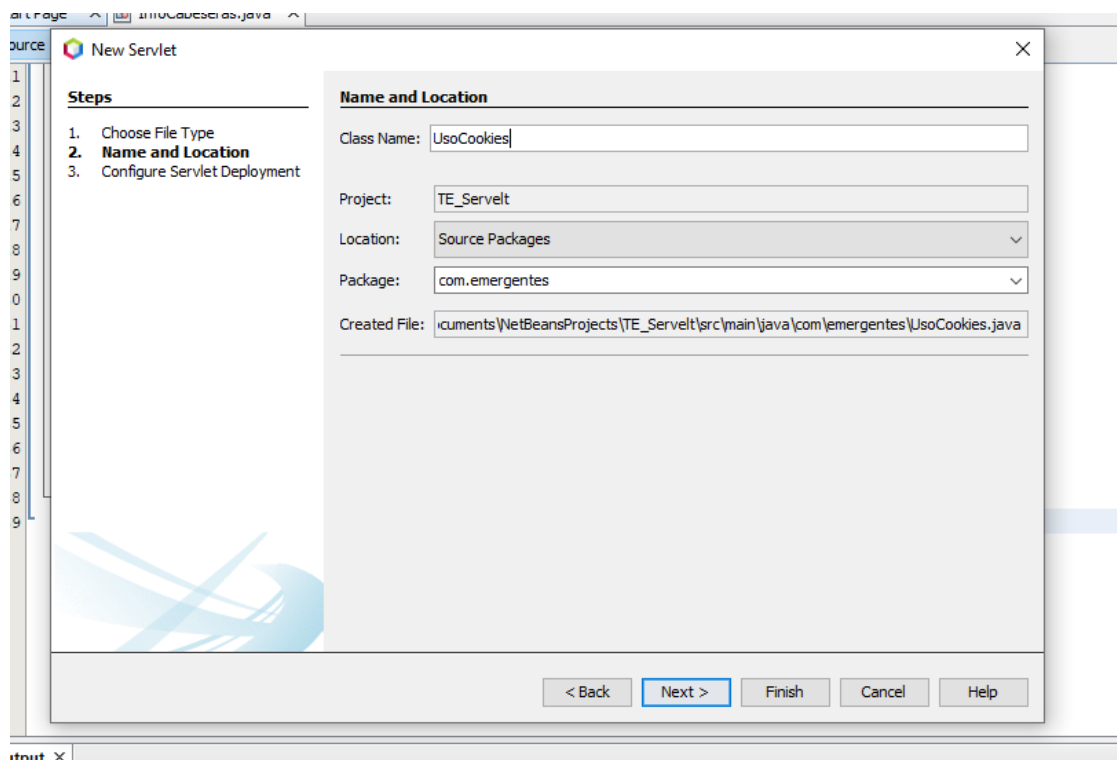
29         String cabe = (String) e.nextElement();
30         String value = request.getHeader(cabe);
31         out.println(cabe + " = " + value + "<br>");
32     }
33     out.println("</body>");
34     out.println("</html>");
35 } finally {
36     out.close();
37 }
38 }
39 @Override
40 protected void doPost(HttpServletRequest request, HttpServletResponse response)
41     throws ServletException, IOException {
42 }
43 }
44 }
45

```

localhost:8080/Te\_Servlet/InfoCabeseras

host = localhost:8080  
 connection = keep-alive  
 sec-ch-ua = "Chromium";v="92", "Not A;Brand";v="99", "Google Chrome";v="92"  
 sec-ch-ua-mobile = ?0  
 upgrade-insecure-requests = 1  
 user-agent = Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/92.0.4515.159 Safari/537.36  
 accept = text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.9  
 sec-fetch-site = none  
 sec-fetch-mode = navigate  
 sec-fetch-user = ?1  
 sec-fetch-dest = document  
 accept-encoding = gzip, deflate, br  
 accept-language = es-US,es-419;q=0.9,es;q=0.8

## -UseCookies



```

1 package com.emergentes;
2 import java.io.IOException;
3 import java.io.PrintWriter;
4 import javax.servlet.ServletException;
5 import javax.servlet.annotation.WebServlet;
6 import javax.servlet.http.Cookie;
7 import javax.servlet.http.HttpServlet;
8 import javax.servlet.http.HttpServletRequest;
9 import javax.servlet.http.HttpServletResponse;
10
11 @WebServlet(name = "UsoCookies", urlPatterns = {"/UsoCookies"})
12 public class UsoCookies extends HttpServlet {
13     @Override
14     protected void doGet(HttpServletRequest request, HttpServletResponse response)
15         throws ServletException, IOException {
16         response.setContentType("text/html;charset=UTF-8");
17         PrintWriter out = response.getWriter();
18         try {
19             out.println("<!DOCTYPE html>");
20             out.println("<html>");
21             out.println("<head>");
22             out.println("<title>Servlet UsoCookies</title>");
23             out.println("</head>");
24             out.println("<body>");
25             //Mostrar todas las cookies
26             Cookie[] cookies = request.getCookies();
27             for(int i = 0; i < cookies.length; i++) {
28                 Cookie c = cookies[i];
29                 String name = c.getName();
30                 String value = c.getValue();
31                 out.println(name + " = " + value + "<br>");
32             }
33             //Adicionar Cookie
34             String name = request.getParameter("nombre");
35             if (name != null && name.length() > 0) {
36                 String value = request.getParameter("valor");
37                 Cookie c = new Cookie(name, value);
38                 c.setMaxAge(3600);
39                 response.addCookie(c);
40             }
41             out.println("</body>");
42             out.println("</html>");
43         } finally {
44             out.close();
45         }
46     }
47     @Override
48     protected void doPost(HttpServletRequest request, HttpServletResponse response)
49         throws ServletException, IOException {
50
51     }
52 }
53

```

JSESSIONID = A451B50C3F114E019C4C9E5716CD2B0F

materia = Emergentes

## -UsoSession

The screenshot shows the NetBeans IDE with the 'New Servlet' dialog open. The dialog has two tabs: 'Steps' and 'Name and Location'. The 'Name and Location' tab is active, showing the following configuration:

- Class Name: `UsoSession`
- Project: `TE_Servlet`
- Location: `Source Packages`
- Package: `com.emergentes`
- Created File: `documents\NetBeansProjects\TE_Servlet\src\main\java\com\emergentes\UsoSession.java`

Below the dialog, the source code for `UsoSession.java` is displayed. The code is as follows:

```

1  package com.emergentes;
2  import java.io.IOException;
3  import java.io.PrintWriter;
4  import javax.servlet.ServletException;
5  import javax.servlet.annotation.WebServlet;
6  import javax.servlet.http.Cookie;
7  import javax.servlet.http.HttpServlet;
8  import javax.servlet.http.HttpServletRequest;
9  import javax.servlet.http.HttpServletResponse;
10 @WebServlet(name = "UsoSession", urlPatterns = {"/UsoSession"})
11 public class UsoSession extends HttpServlet {
12     @Override
13     protected void doGet(HttpServletRequest request, HttpServletResponse response)
14         throws ServletException, IOException {
15         response.setContentType("text/html;charset=UTF-8");
16         PrintWriter out = response.getWriter();
17         try {
18             out.println("<!DOCTYPE html>");
19             out.println("<html>");
20             out.println("<head>");
21             out.println("<title>Servlet UsCookies</title>");
22             out.println("</head>");
23             out.println("<body>");
24             //Mostrar todas las cookies
25             Cookie[] cookies = request.getCookies();
26             for(int i = 0; i < cookies.length; i++){
27                 Cookie c = cookies[i];
28                 String name = c.getName();

```

```

29         String value = c.getValue();
30         out.println(name + " = " + value + "<br>");
31     }
32     //Adicionar Cookie
33     String name = request.getParameter("nombre");
34     if (name != null && name.length()>0) {
35         String value = request.getParameter("valor");
36         Cookie c = new Cookie(name, value);
37         c.setMaxAge(3600);
38         response.addCookie(c);
39     }
40     out.println("</body>");
41     out.println("</html>");
42 } finally {
43     out.close();
44 }
45 }
46 }

```

← → ↻ 🌐 localhost:8080/TE\_Servlet/Usosession

ID: A451B50C3F114E019C4C9E5716CD2B0F

Creado: Fri Aug 27 18:27:50 BOT 2021

Ultimo Acceso: Fri Aug 27 18:27:50 BOT 2021