

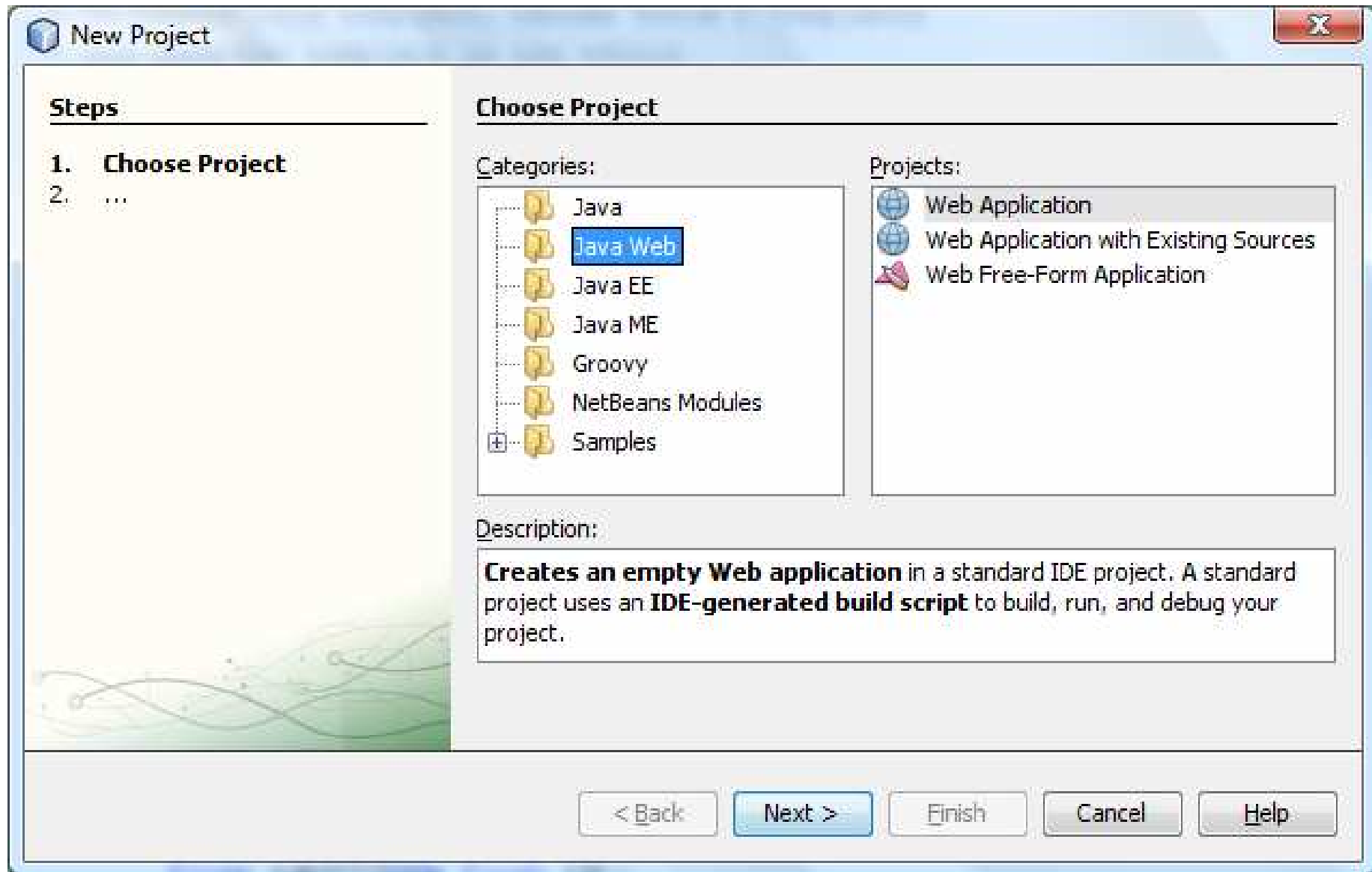
Przykłady zastosowania komponentów typu Layout: **Page Fragment Box**

Programowanie komponentowe 4

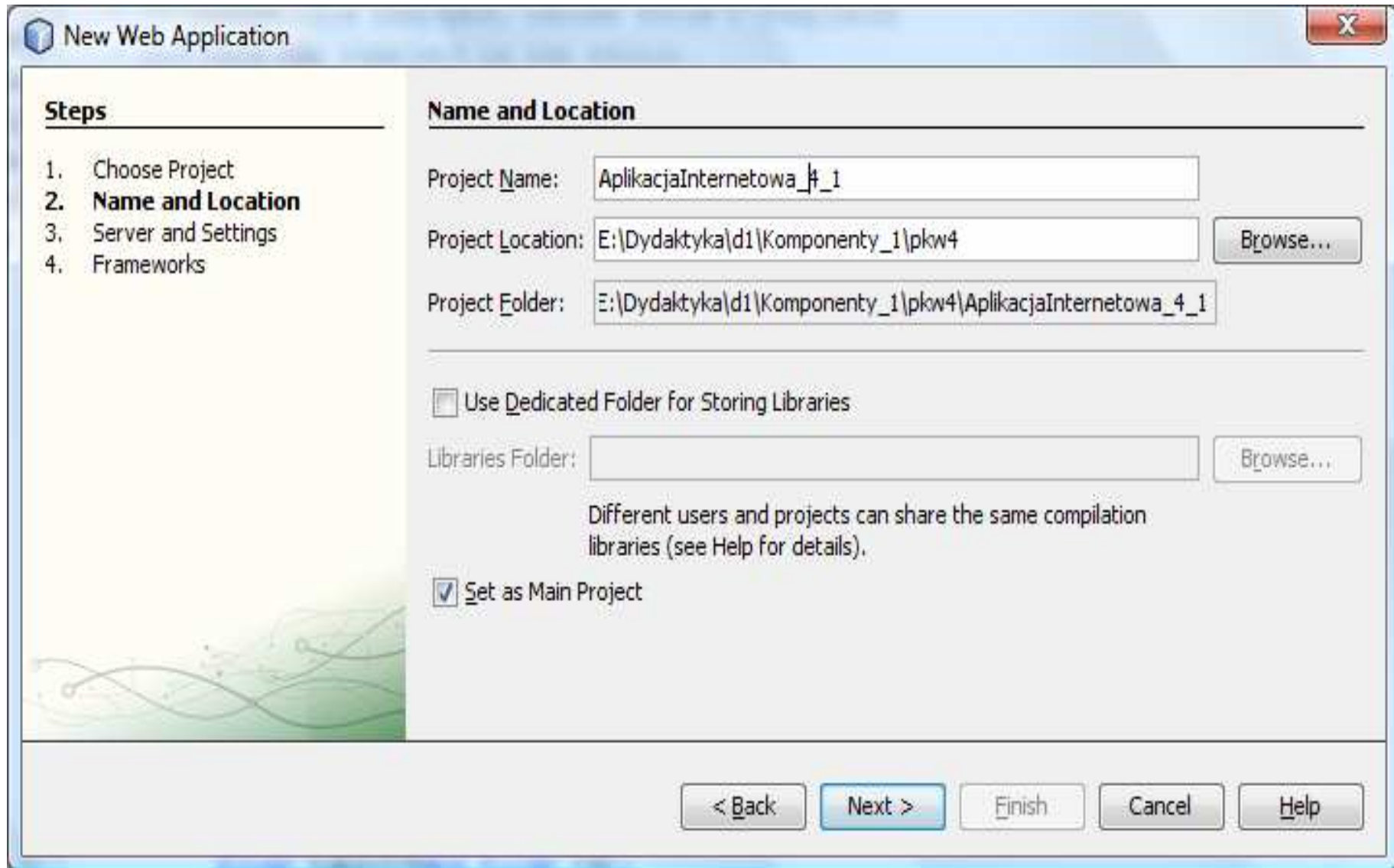
1. Utworzenie projektu - zastosowanie komponentu **Page Fragment Box**

- 1) Z głównego menu wybierz opcję **File > New Project.**
- 2) W **New Project,** wybierz Java Web listy kategorii (**Categories**) i wybierz **Web Application** z listy projektów (**Projects**). Kliknij **Next.**
- 3) Nazwij projekt **AplikacjaInternetowa7** (**Project Name**) i wybierz katalog (**Browse** dla **Project Location**). Kliknij **Next.**
- 4) Wybierz serwer aplikacji **GlassFish V2** z listy Server oraz wersję **Java EE** z listy **Java EE Version** – domyślne wartości. Kliknij na **Next**
- 5) Wybierz **Visual Web JavaServer Faces** i naciśnij **Finish.**
- 6) Wybierz okno projektu (zakładka **Projects**) - zawiera ono układ plików typu BluePrints. Plik Page1.jsp jest stroną startową napisaną w języku JSP (zaznaczenie zielonym poziomym trójkątem) i znajduje się w podkatalogu „Web Pages”.

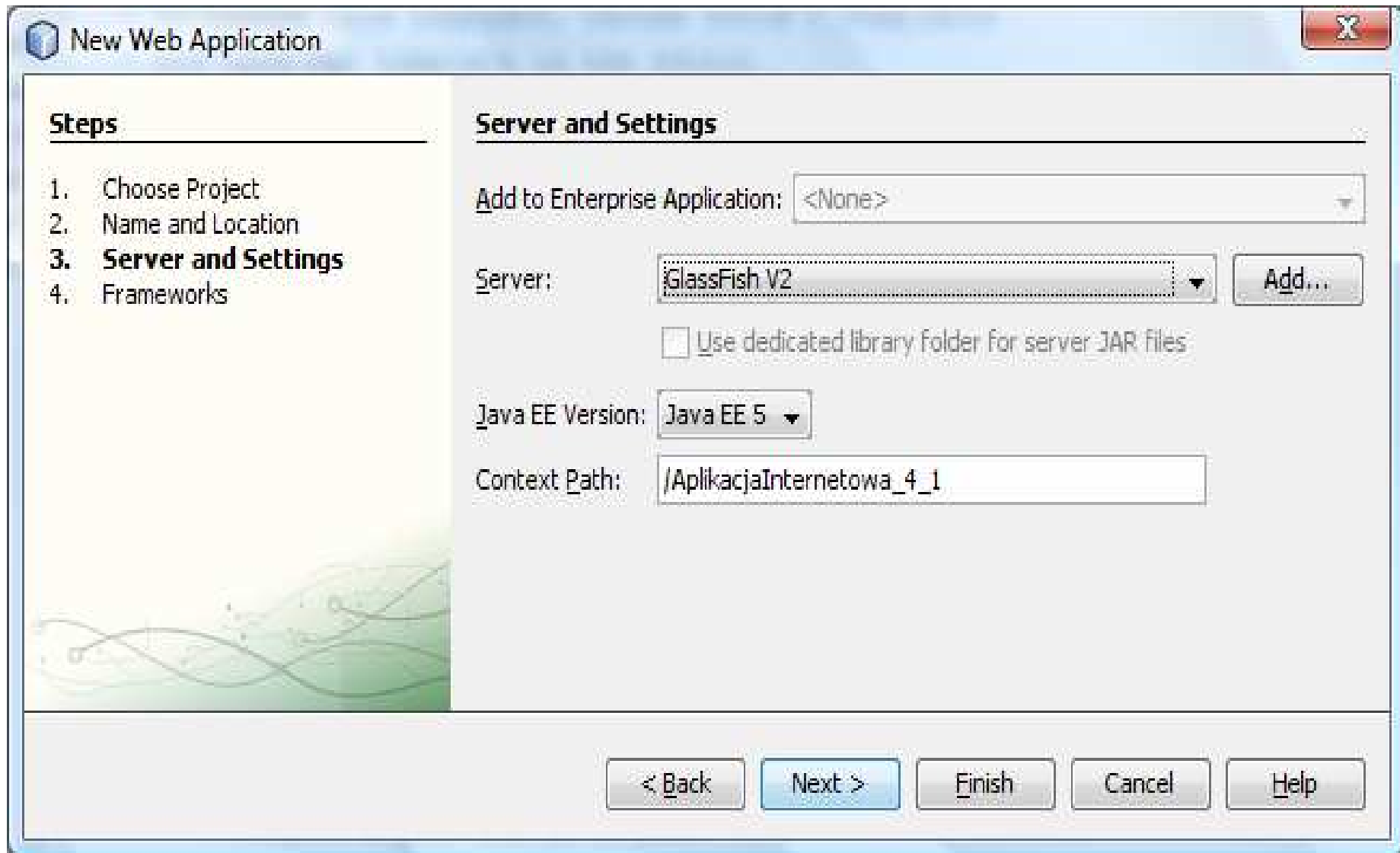
Zastosowanie komponentu **Page Fragment Box**



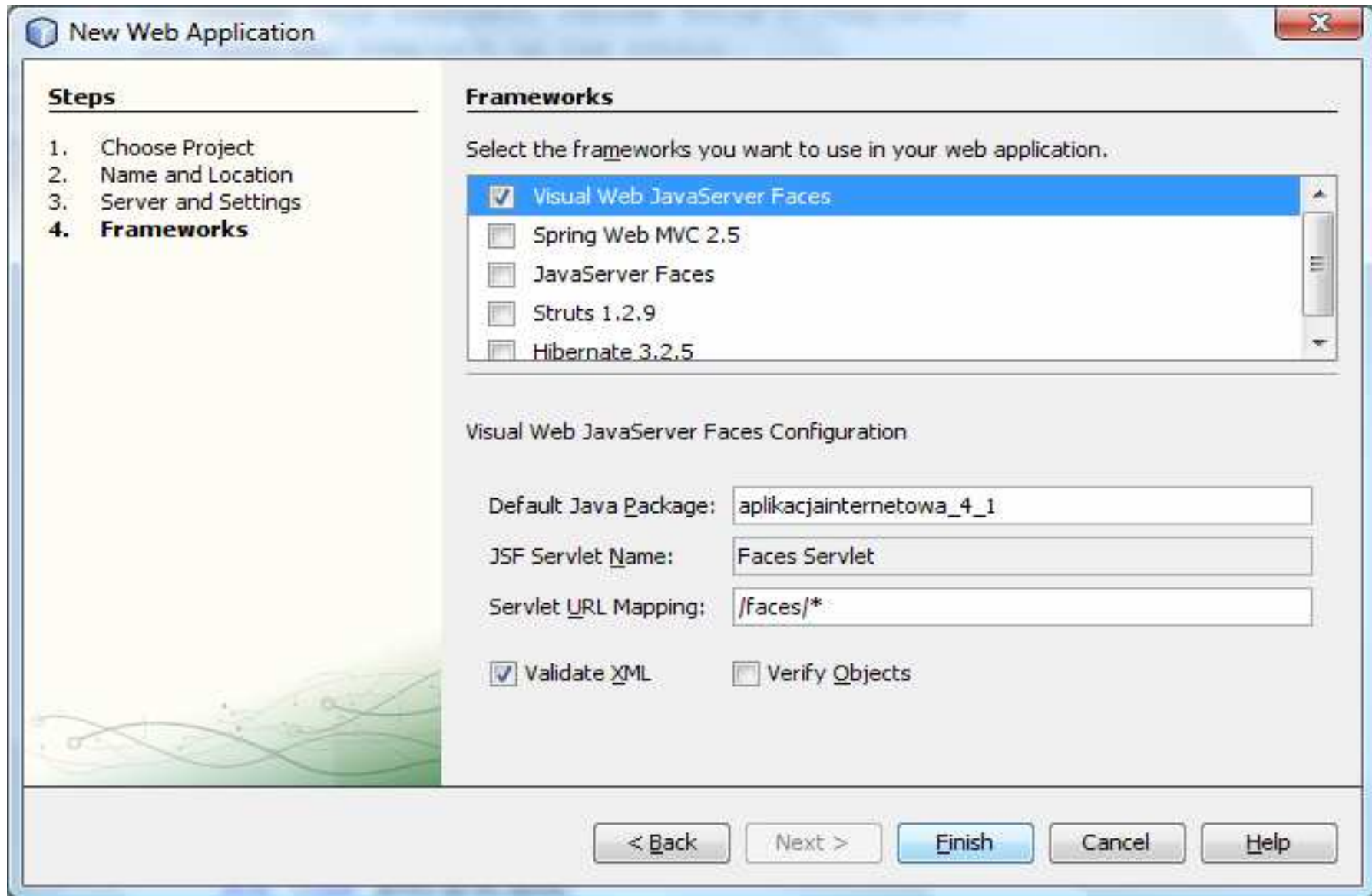
Zastosowanie komponentu **Page Fragment Box**



Zastosowanie komponentu **Page Fragment Box**



Zastosowanie komponentu **Page Fragment Box**



Projects | **Files** | **Runtime**

- java
 - aplikacjainternetowa4_1
 - ApplicationBean1.java
 - Bundle.properties
 - Page1.java
 - RequestBean1.java
 - SessionBean1.java
 - test
 - web
 - WEB-INF
 - resources

Page1.iso

Navigator | **Outline**

- Page1
 - page1
 - html1
 - head1
 - body1
 - form1
- RequestBean1
- SessionBean1
- ApplicationBean1

Welcome x Page1 * x

Design JSP Java Any Size

Design your page by dragging components from the Palette.

Define a component's behavior by adding code: Either double-click the component or right-click the component and choose its event handler.

Page layout is currently set to Grid Layout, which positions components at specific x and y coordinates. If you would like to use flow layout, which positions components left to right and top to bottom, change the Page Layout property to Flow Layout.

Palette

- Checkbox
- Checkbox Group
- Radio Button
- Radio Button Grc
- Image

head1 - Prop...

General

id head1

Appearance

defaultBase

title

Advanced

profile

rendered

title
Title of the document to be displayed in the browser title bar.

Dynamic Help

- About the Outlin
- See Also
- Tutorials



Wstawienie komponentu **Page Fragment Box** z palety **Layout**: nadanie mu nazwy **Logofirma** i wybór **Create New Page Fragment**

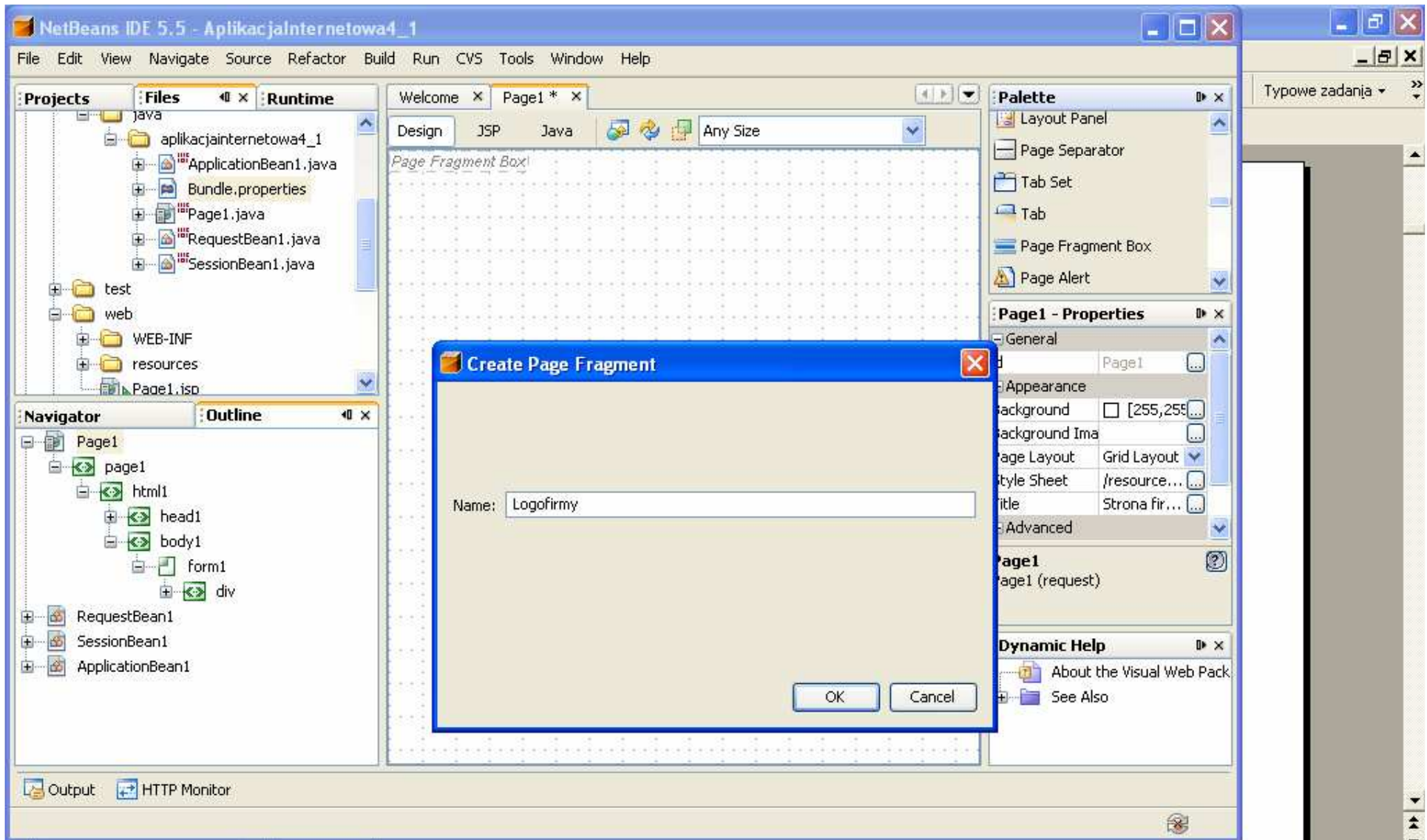
The screenshot displays the NetBeans IDE interface during the process of adding a Page Fragment Box. The central design view shows a grid with a 'Page Fragment Box' component. A dialog box titled 'Select Page Fragment' is open, prompting the user to 'Select a page fragment to include on the page.' The 'Page Fragment' dropdown menu is set to 'Logofirma'. Below the dropdown, there is a button labeled 'Create New Page Fragment...' and a 'Close' button at the bottom right.

The IDE interface includes several panels:

- Outline:** Shows the project structure for 'ApplikacjaInternetowa4_1', including 'Web Pages', 'WEB-INF', 'resources', 'Page1.jsp', 'Themes', 'Page Navigation', and 'Managed Beans'. The 'Page1' view shows a tree structure with 'page1', 'html1', 'head1', 'body1', 'form1', and 'div'.
- Layout:** A palette of UI components including Grid Panel, Layout Panel, Tab Set, Page Fragment Box, Property Sheet, Property, Composite, Alert, Add Remove, Breadcrumbs, Group Panel, Page Separator, Tab, Page Alert, and Property Sheet Section.
- Page1 - Properties:** A table of properties for the selected page fragment.

Page1 - Properties	
General	
id	Page1
Appearance	
Background	[255,255,255]
Background Image	
Page Layout	Grid Layout
Style Sheet	/resources/stylessheet.css
Title	
Advanced	
Response Encoding	UTF-8
- Dynamic Help:** Provides context-sensitive help, including 'About the Visual Designer' and 'See Also'.

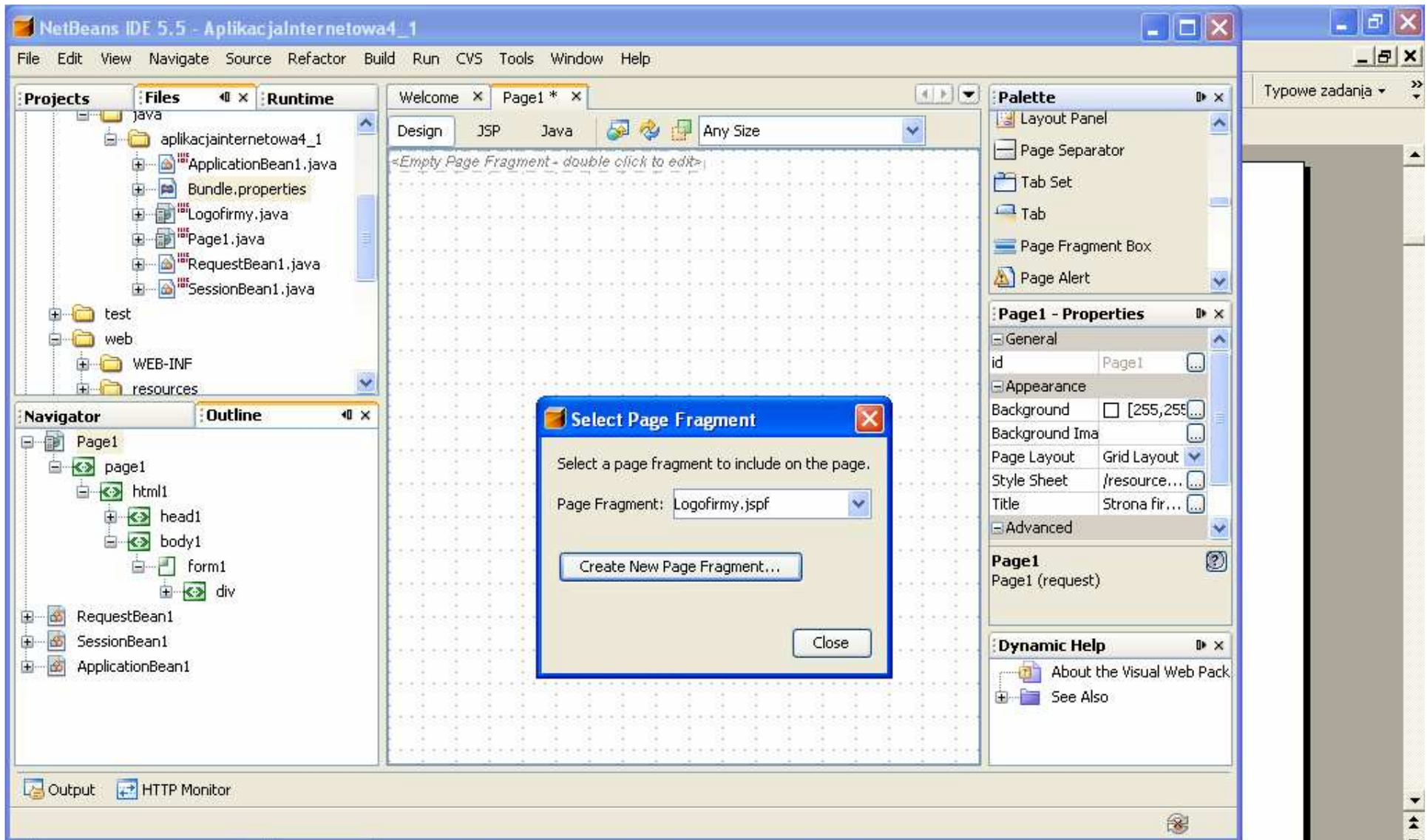
The Windows taskbar at the bottom shows the Start button and several open applications: Total Commander 6.5..., NetBeans IDE 5.5 - A..., NetBeans Visual Web..., http://sprocket.ict.p..., and Microsoft PowerPoint ... The system tray shows the time as 20:25.



- 19
- 20
- 21
- 22

Kliknij, aby dodać notatki



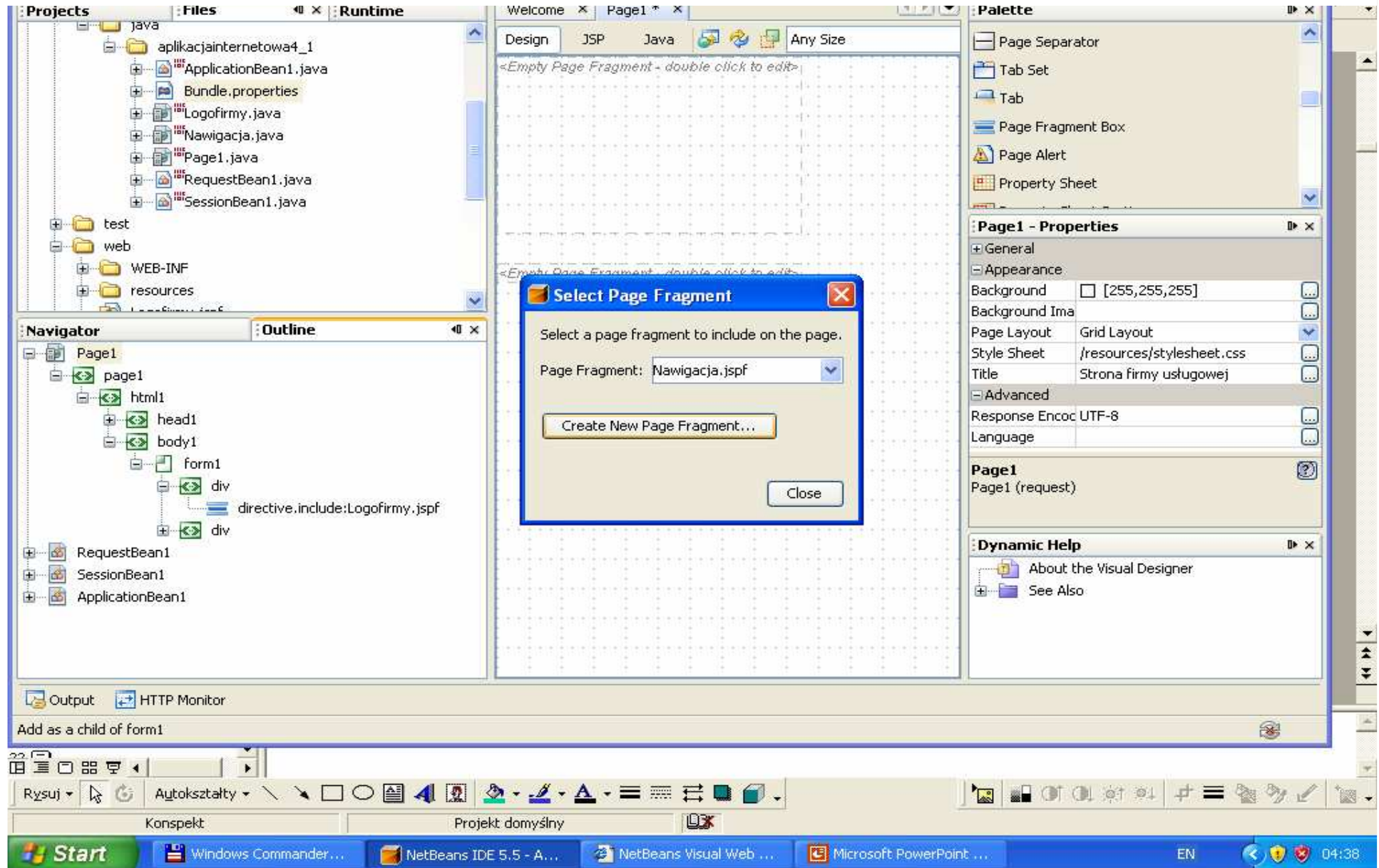


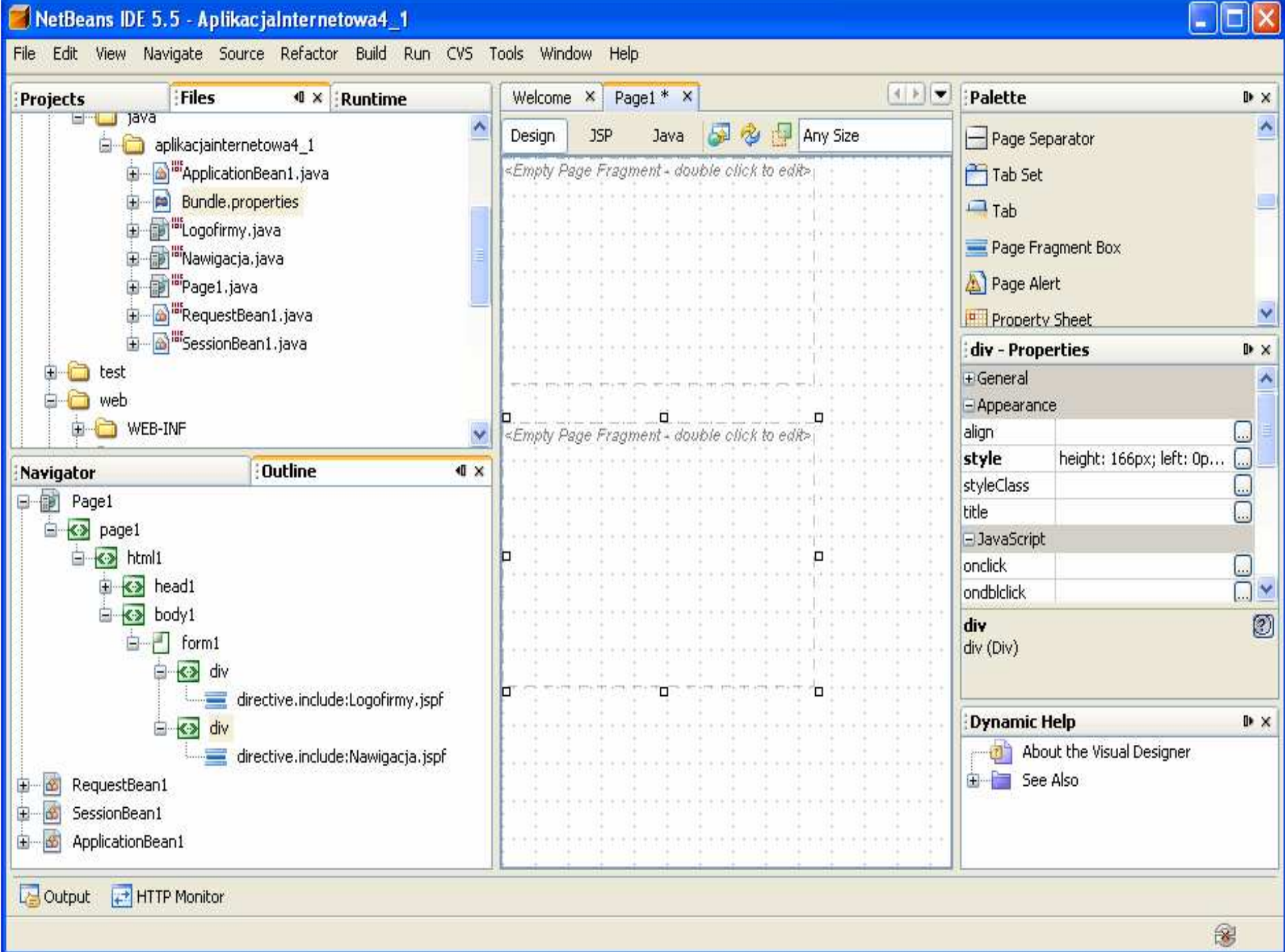
19
20
21
22

Kliknij, aby dodać notatki

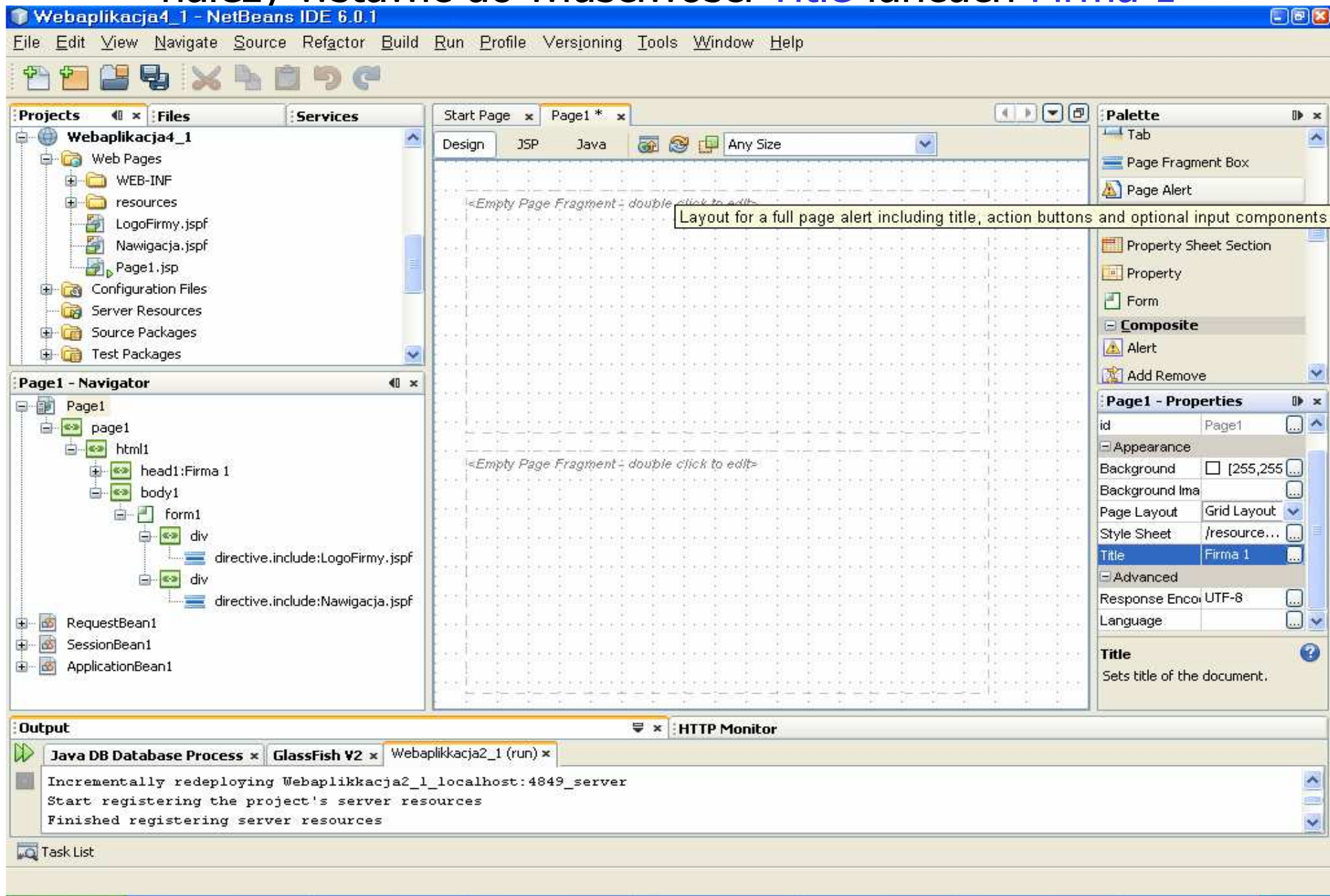


Wstawienie drugiego komponentu **Page Fragment Box** z palety **Layout**: nadanie mu nazwy **Nawigacja** i wybór **Create New Page Fragment** (kolejne kroki jak przy tworzeniu **Logofirmy.jspf**)

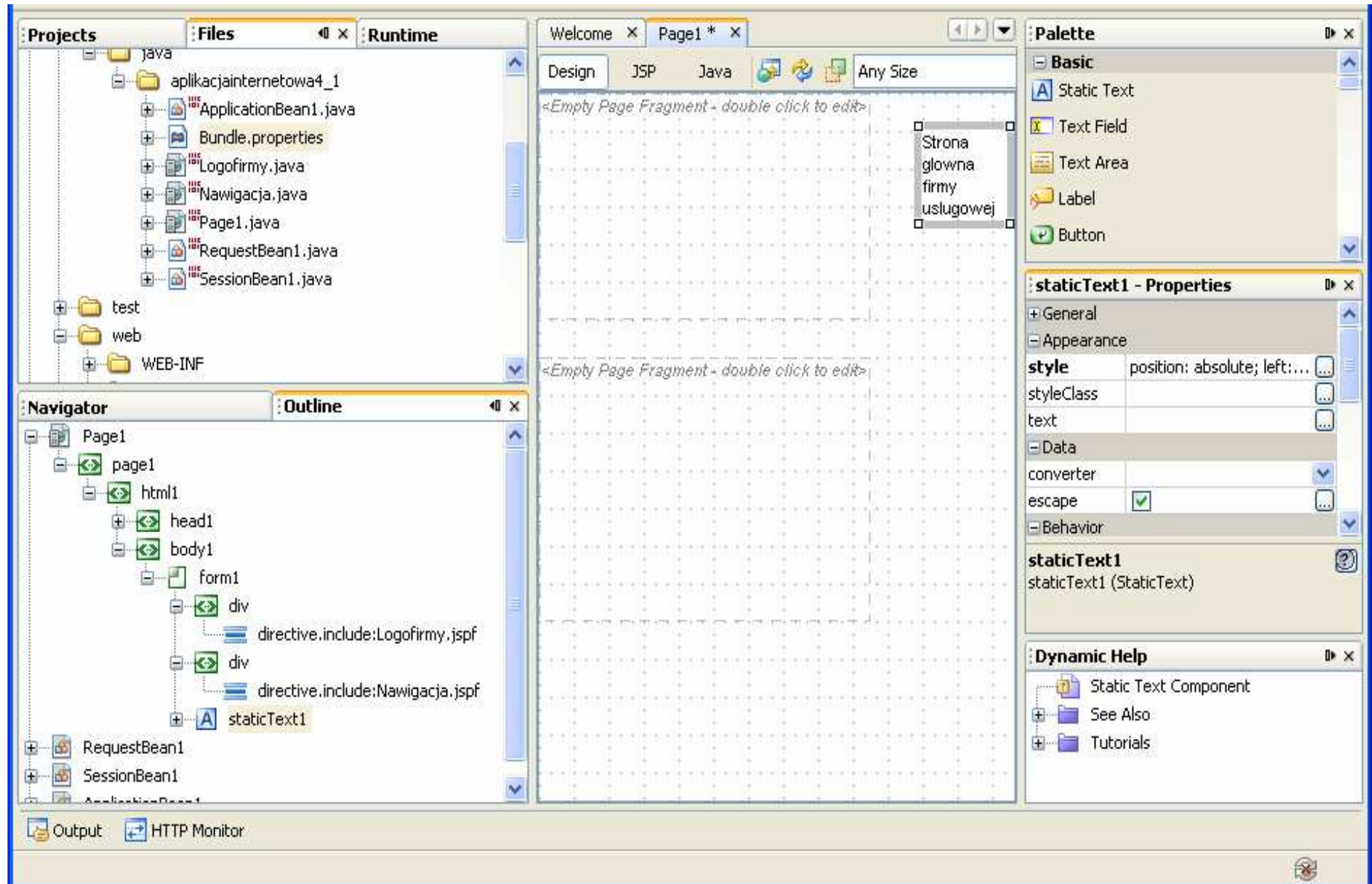




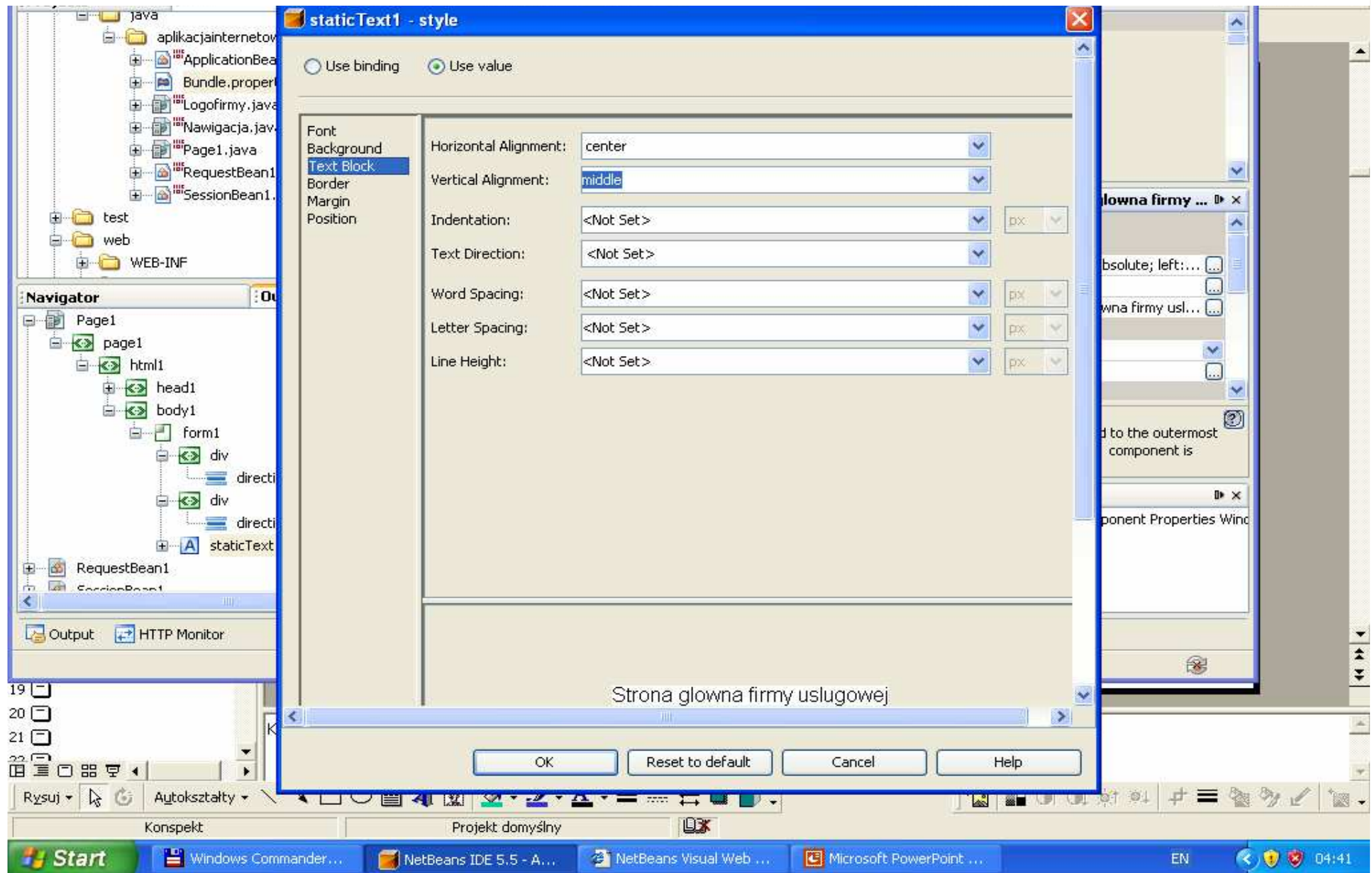
Nadanie tytułu **Firma 1** stronie głównej – w okienku **Properties** należy wstawić do właściwości **Title** łańcuch **Firma 1**

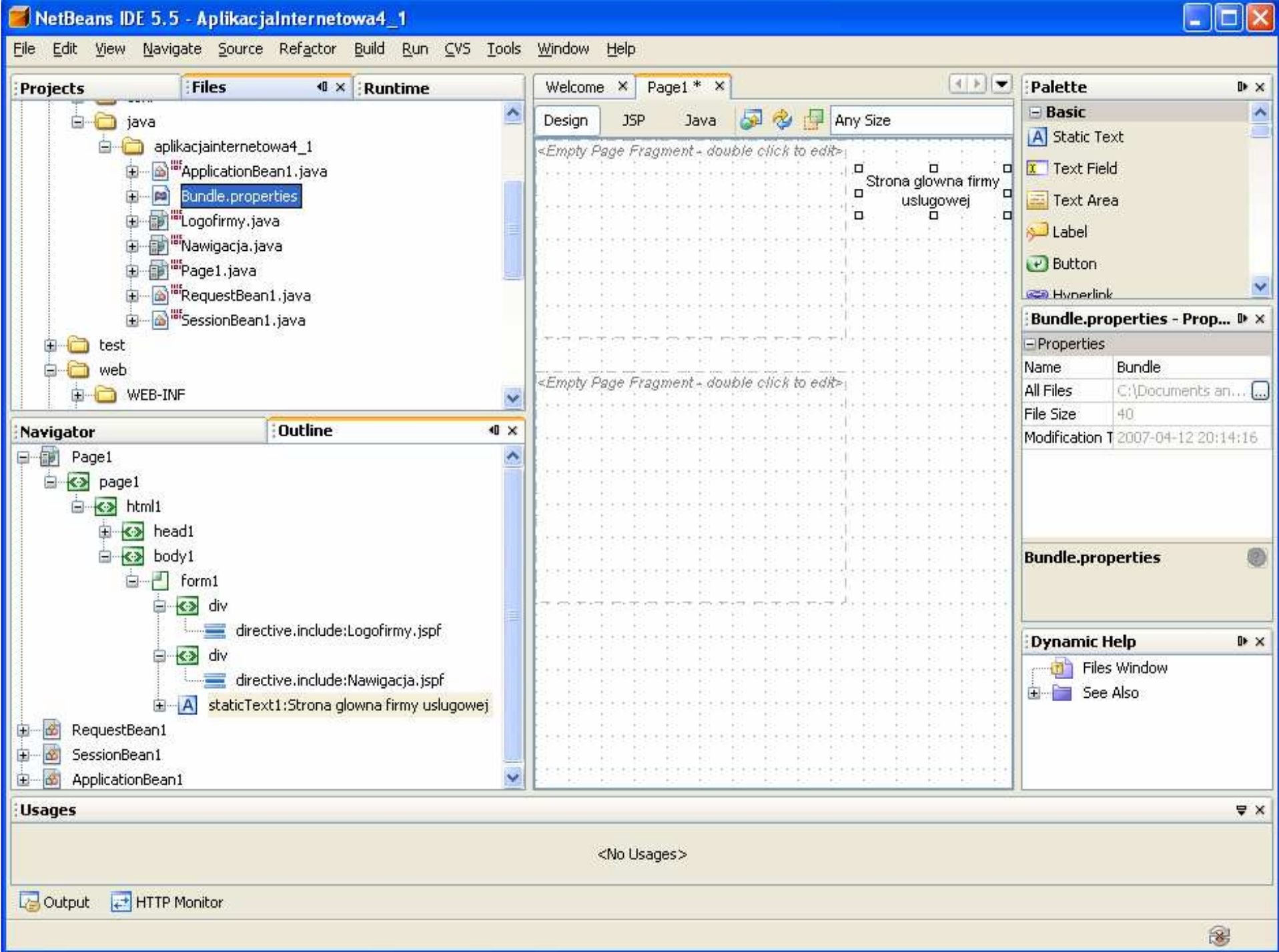


Wstawienie komponentu **StaticText** na stronę **Page1**, poza komponentami typu **Fragment Box**

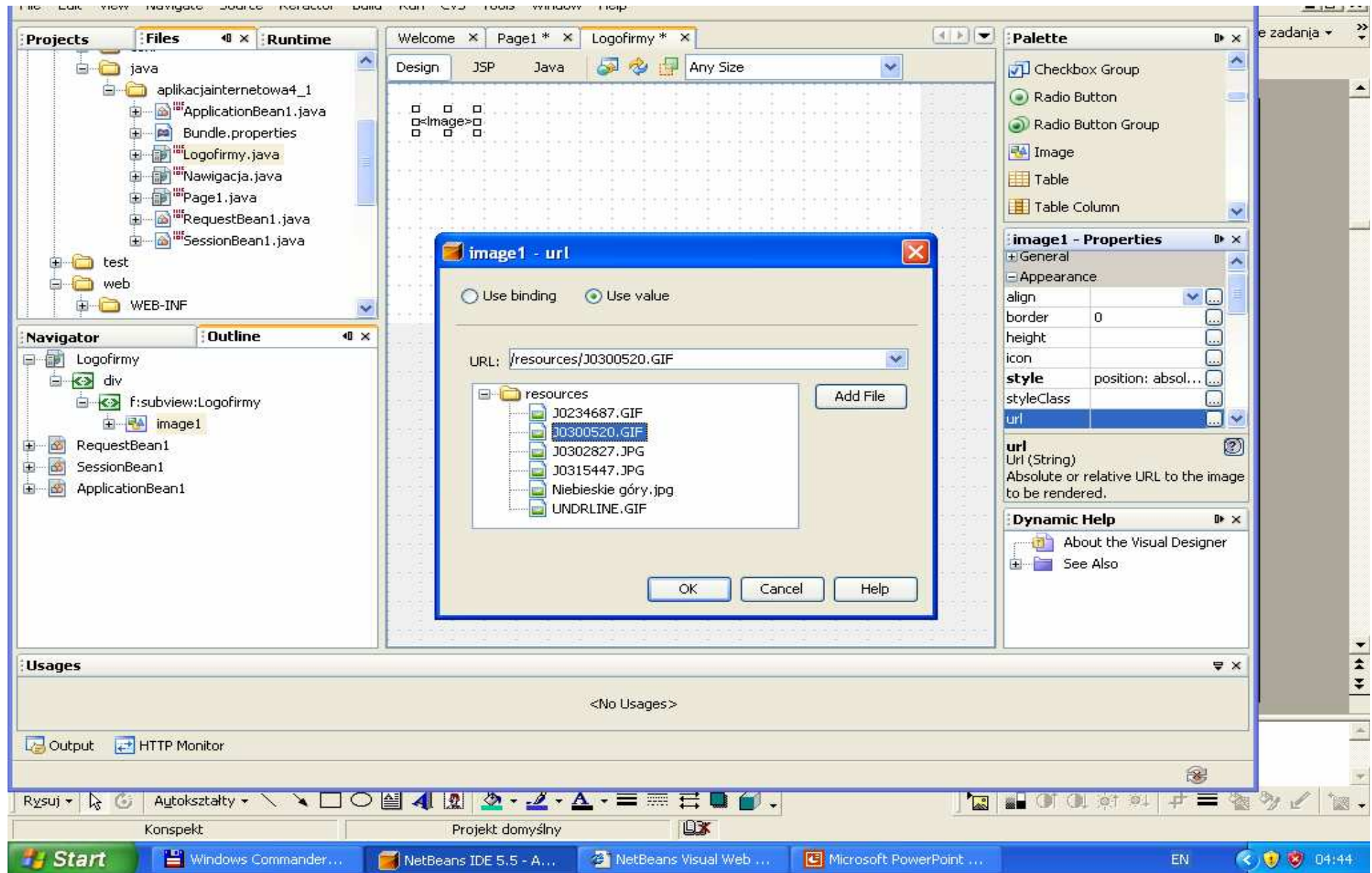


Wywołanie z okna **Properties** komponentu **staticText1** właściwości **style** i w edytorze kaskadowego arkusza stylu ustawienie **Text Block** w poziomie na **center** i w pionie na **middle**





Wstawienie komponentu **Image** do fragmentu strony **Logofirmy** i nadanie w oknie **Properties** właściwości **url** za pomocą edytora (...) adresu wybranego pliku o formacie graficznym




Projects **Files** **Runtime**

- aplikacjaInternetowa4_1
 - ApplicationBean1.java
 - Bundle.properties
 - Logofirmy.java
 - Nawigacja.java
 - Page1.java
 - RequestBean1.java
 - SessionBean1.java
- test

...me Page1 x Logofirmy x

Design JSP Java Any Site



The design view shows a central graphic with a blue globe in the background and two white laptops with yellow screens in the foreground, all set against a light gray grid background.

Palette

- Checkbox Group
- Radio Button
- Radio Button Group
- Image

Logofirmy.java - Properties

Encoding

Classpaths

Compile Class C:\Program Files\net...

Logofirmy.java

Navigator - Logofir... **Outline**

- Logofirmy
 - div
 - f:subview:Logofirmy
 - image1
 - RequestBean1
 - SessionBean1
 - ApplicationBean1

Dynamic Help

- About the Source Editor
- See Also

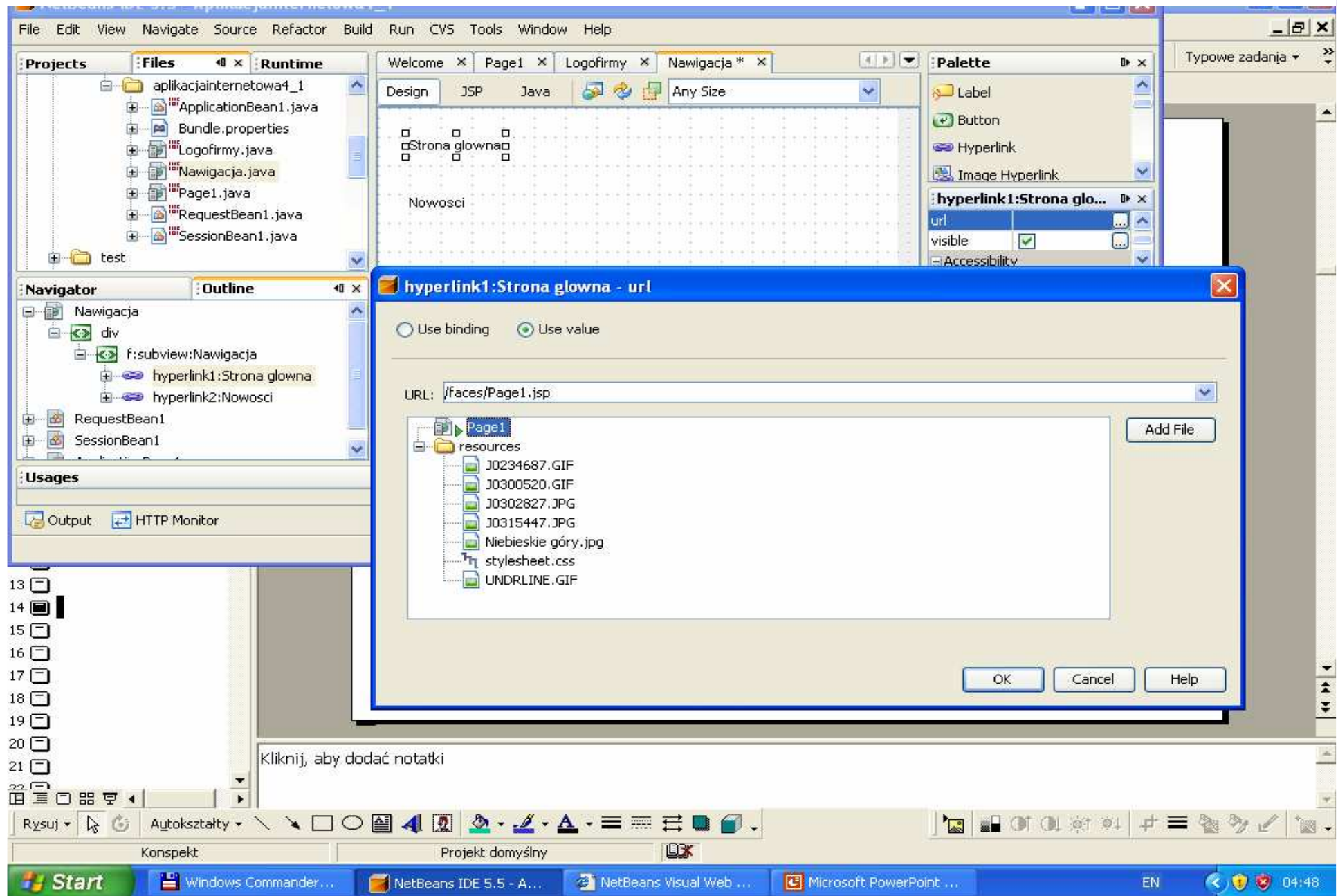
Usages

<No Usages>

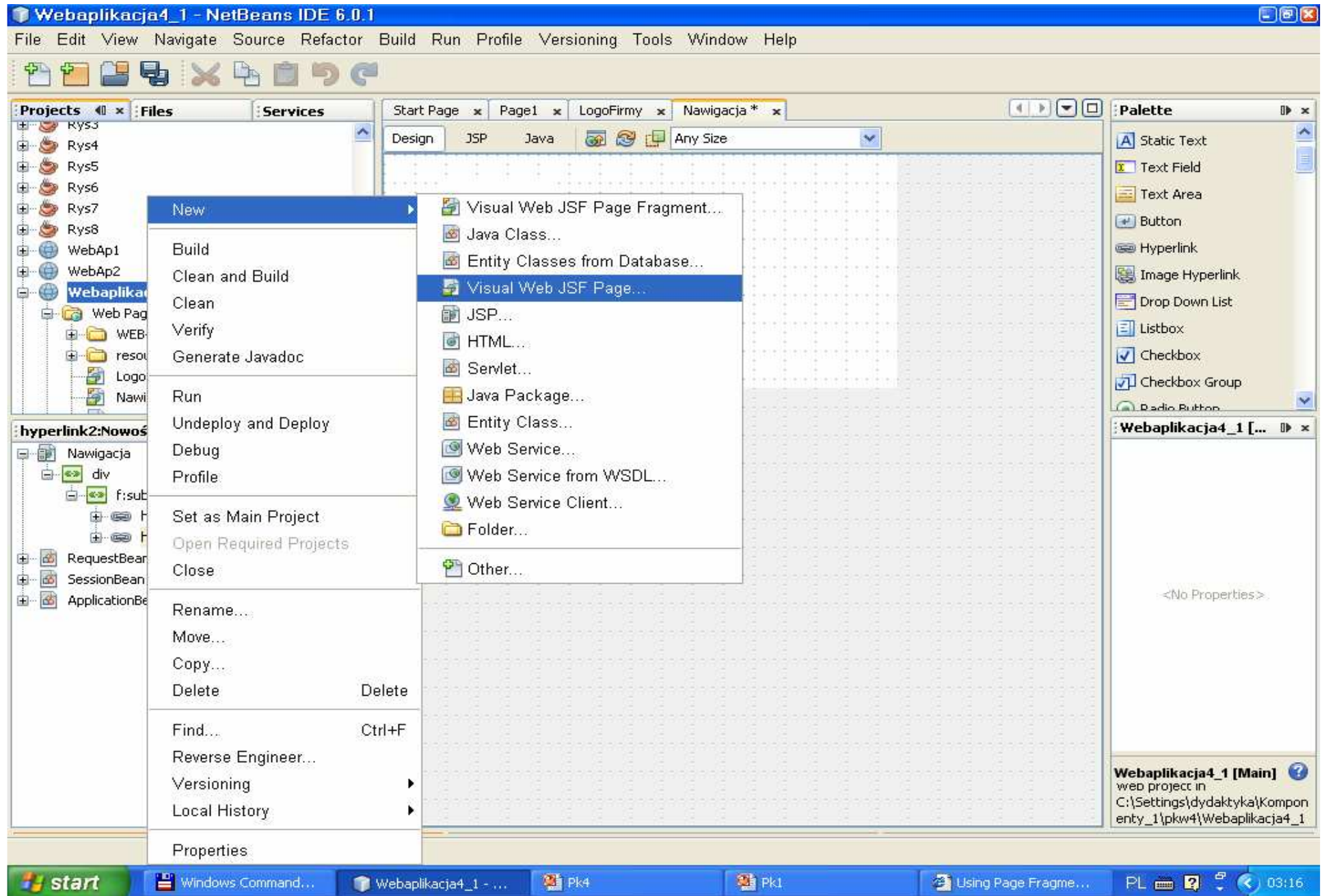
Output HTTP Monitor



Wstawienie komponentu **HyperLink** do fragmentu strony **Nawigacja** i nadanie w oknie **Properties** właściwości **url** za pomocą edytora (...) adresu strony **Page1**.



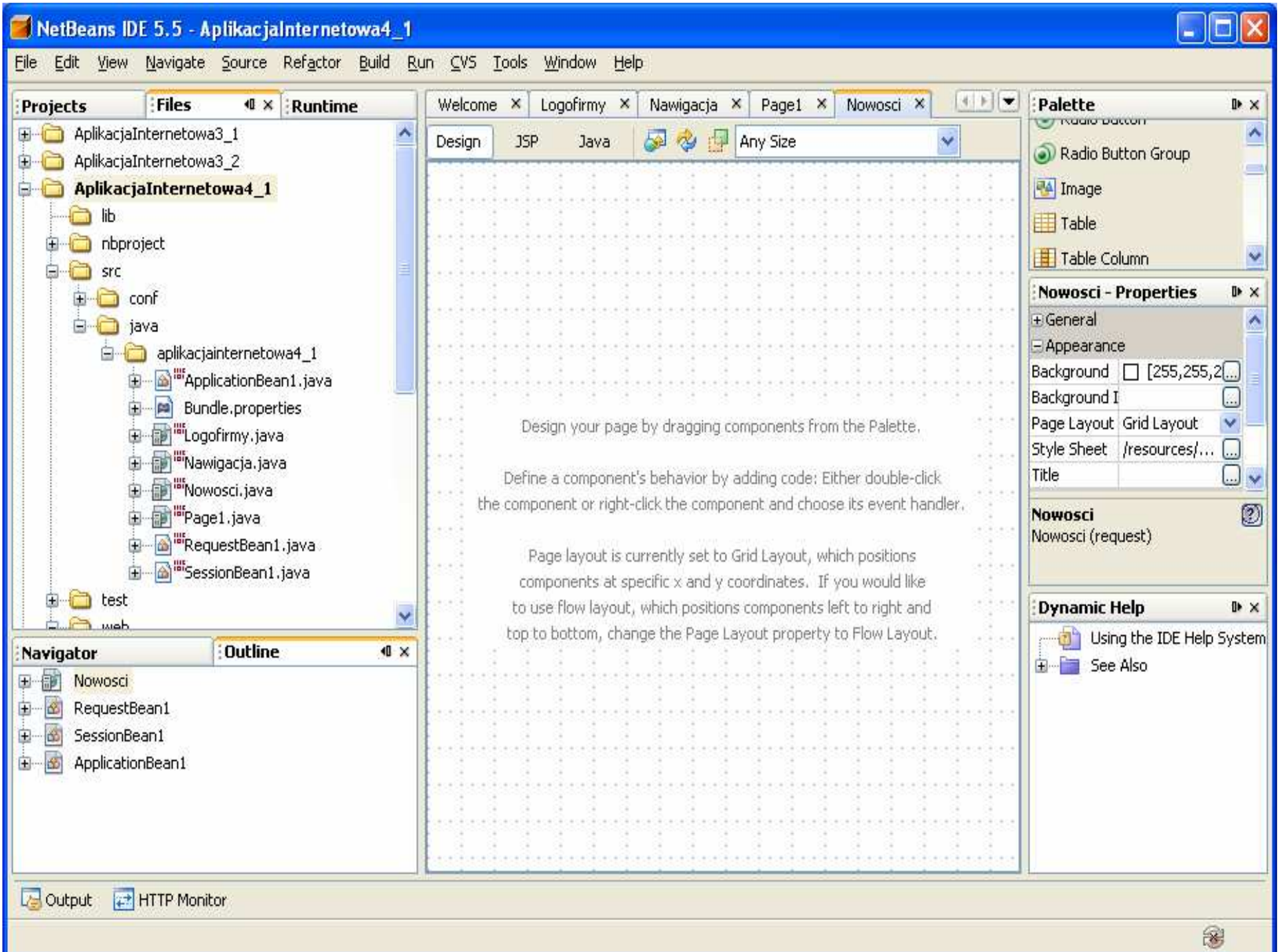
Wstawienie drugiej strony Nowosci.jsp.



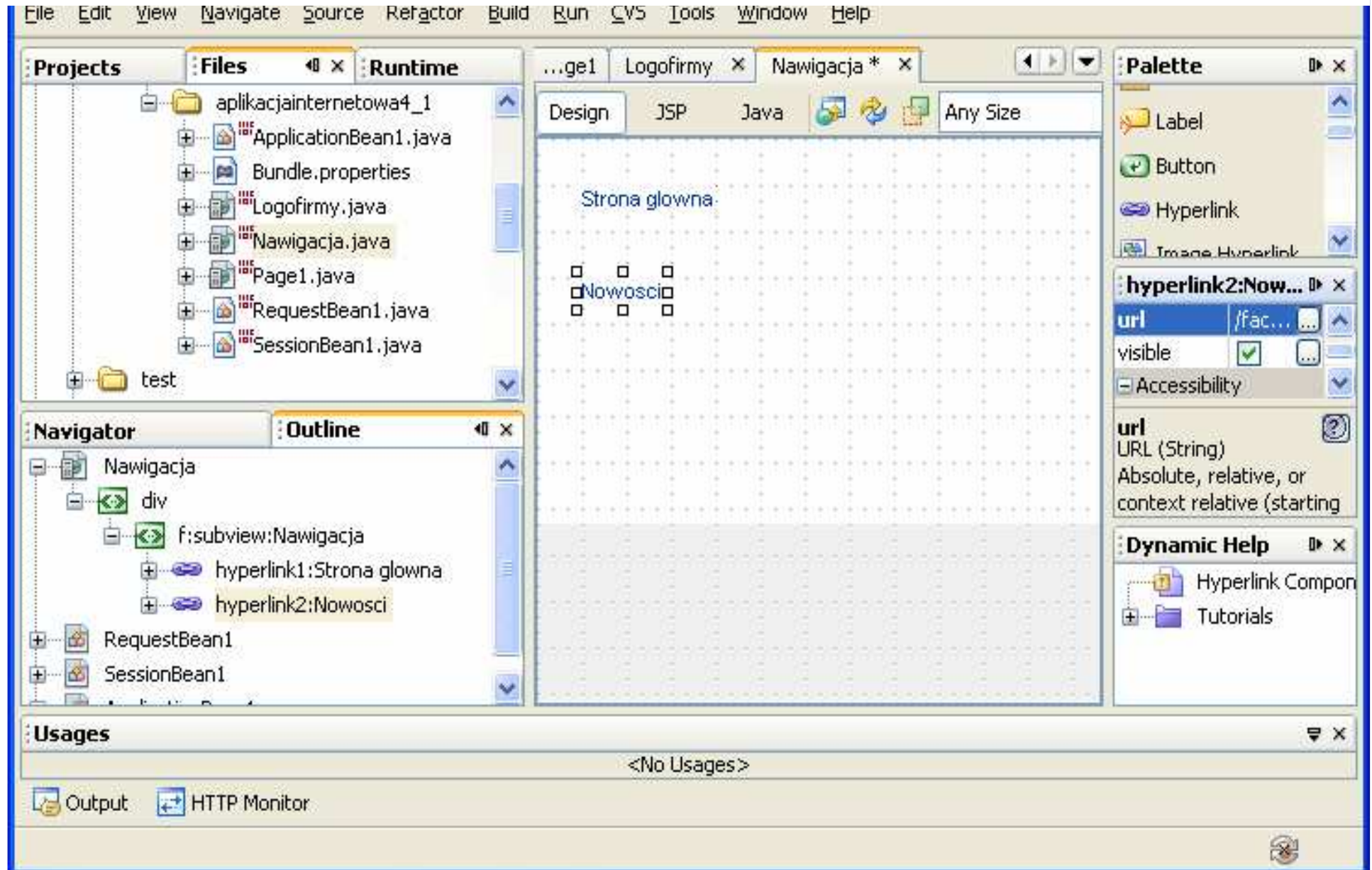
**Steps**

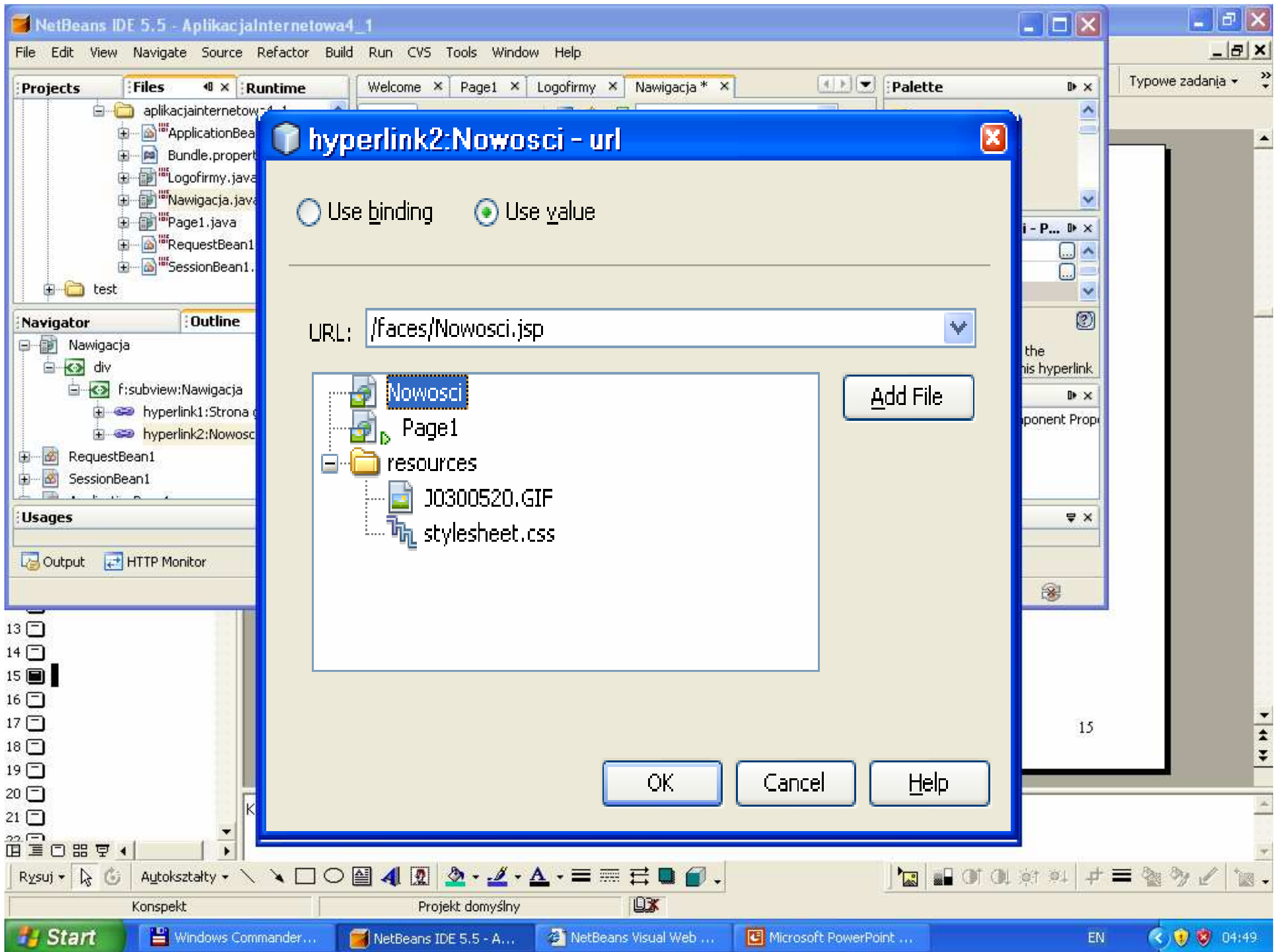
1. Choose File Type
2. **Name and Location**

Name and LocationFile Name: Project: Folder: Created File:



Wstawienie komponentu **HyperLink** do fragmentu strony **Nawigacja** i nadanie w oknie **Properties** właściwości **url** za pomocą edytora (...) adresu strony **Nowosci.jsp**, która została wstawiona jako druga strona podrzędna.





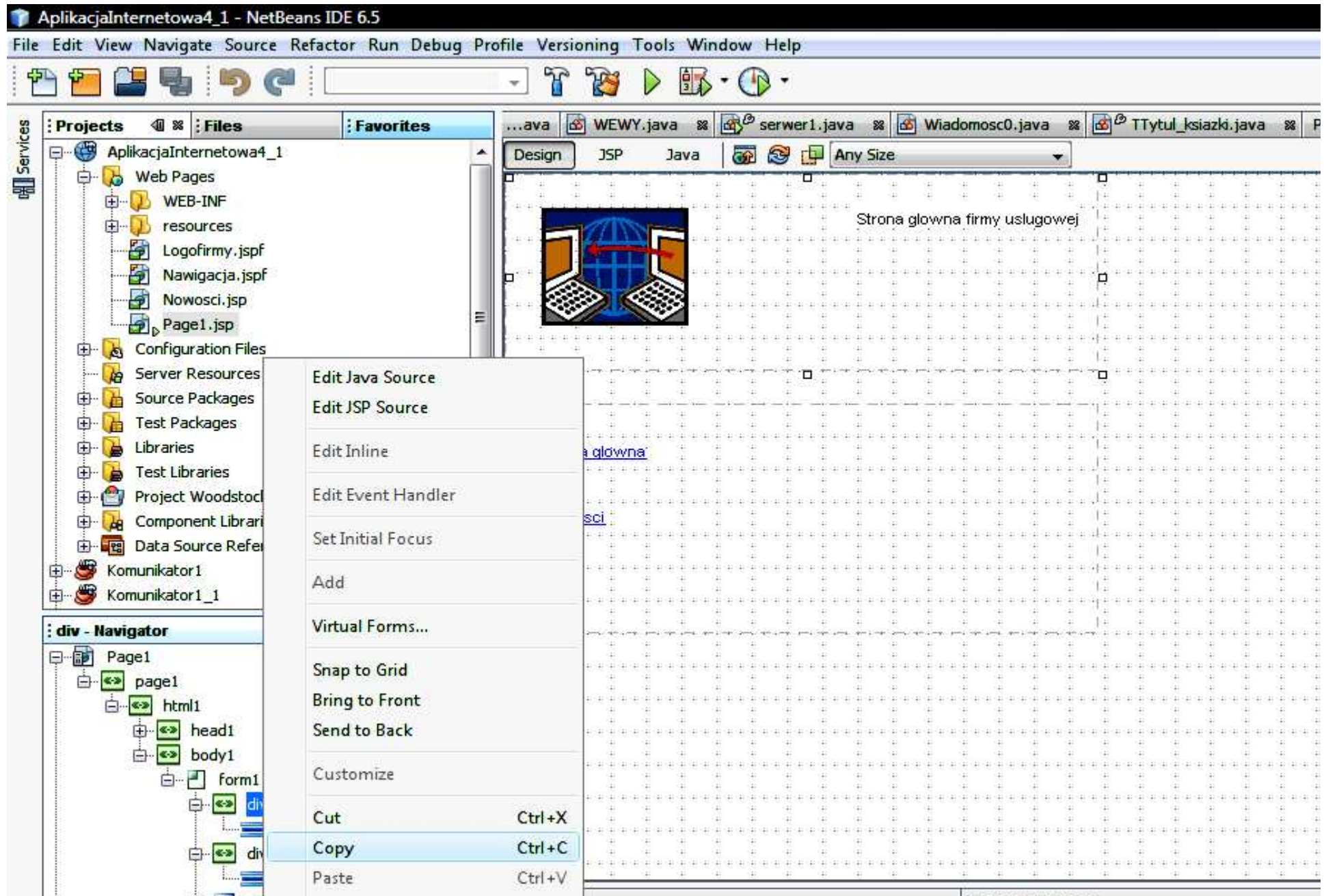
Strona startowa Page1.jsp.

The screenshot displays the NetBeans IDE 6.0.1 interface. The main window shows the design view of a JSP page named "Page1.jsp". The page is titled "Strona główna aplikacji" and features a central logo depicting two laptops connected by a globe and arrows. Below the logo, there are text elements: "Strona główna" and "Nowosci". The left sidebar shows the project structure, including "AplikacjaInternetowa5", "Baza", "Desktop4", "Desktop4_1", "Figury1", "Rys1", "Rys2", "Rys3", "Rys4", "Rys5", and "Rys6". The "div - Navigator" panel shows the following structure:

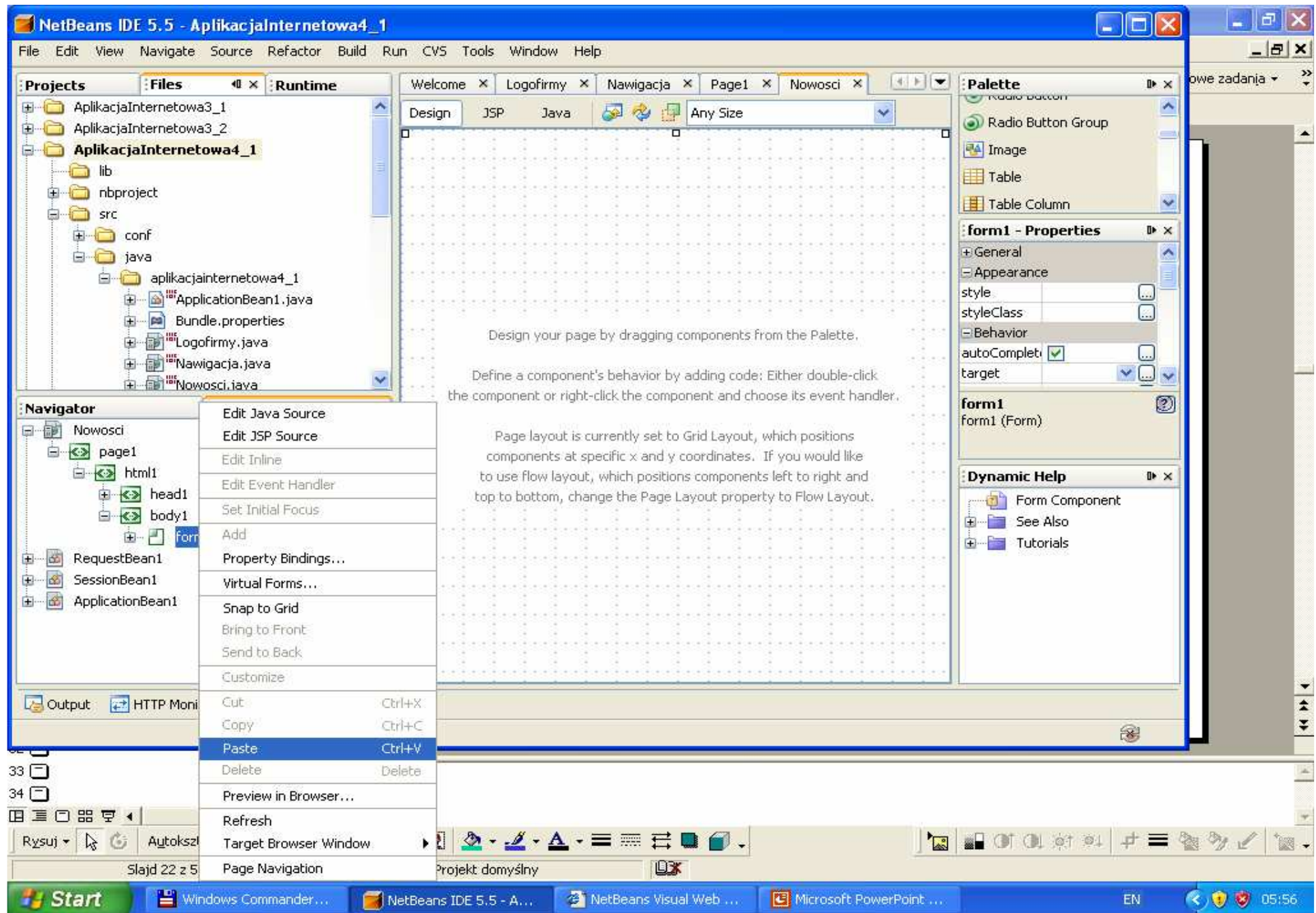
- Page1
 - page1
 - html1
 - head1:Firma 1
 - link1:;/resources/stylesheet.css
 - body1
 - form1
 - div
 - jsp:directive.include:LogoFirmy.jspf
 - div
 - jsp:directive.include:Nawigacja.jspf
 - staticText1:Strona główna aplikacji

The right sidebar shows the "Properties" panel for the selected "div" element, with fields for "id", "align", "style", "styleC", "title", and "div (Div)".

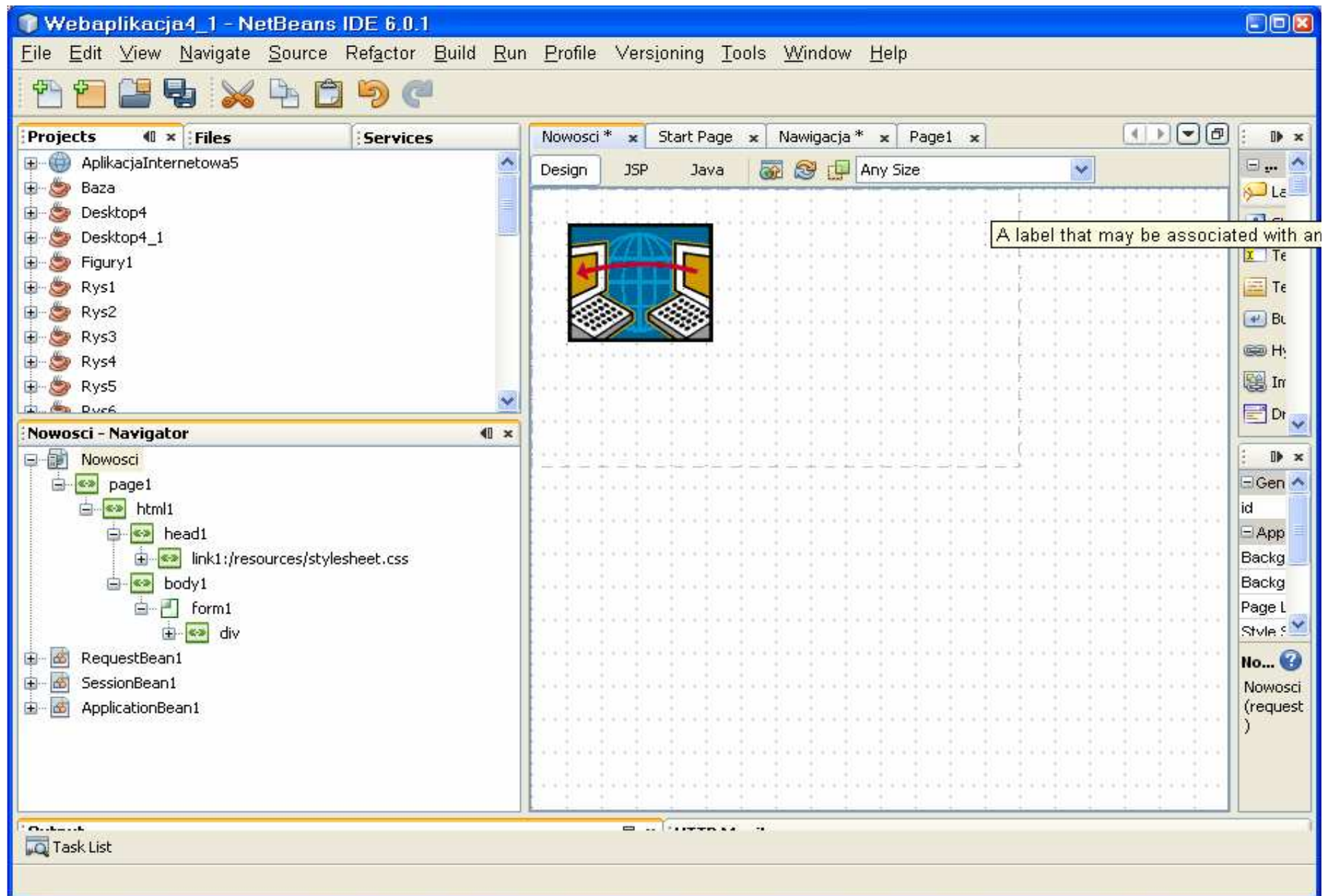
Kopiowanie fragmentu Logofirmy ze strony Page1.jsp przez kopiowanie do notatnika za pomocą znacznika div, dostępnego w oknie Navigator



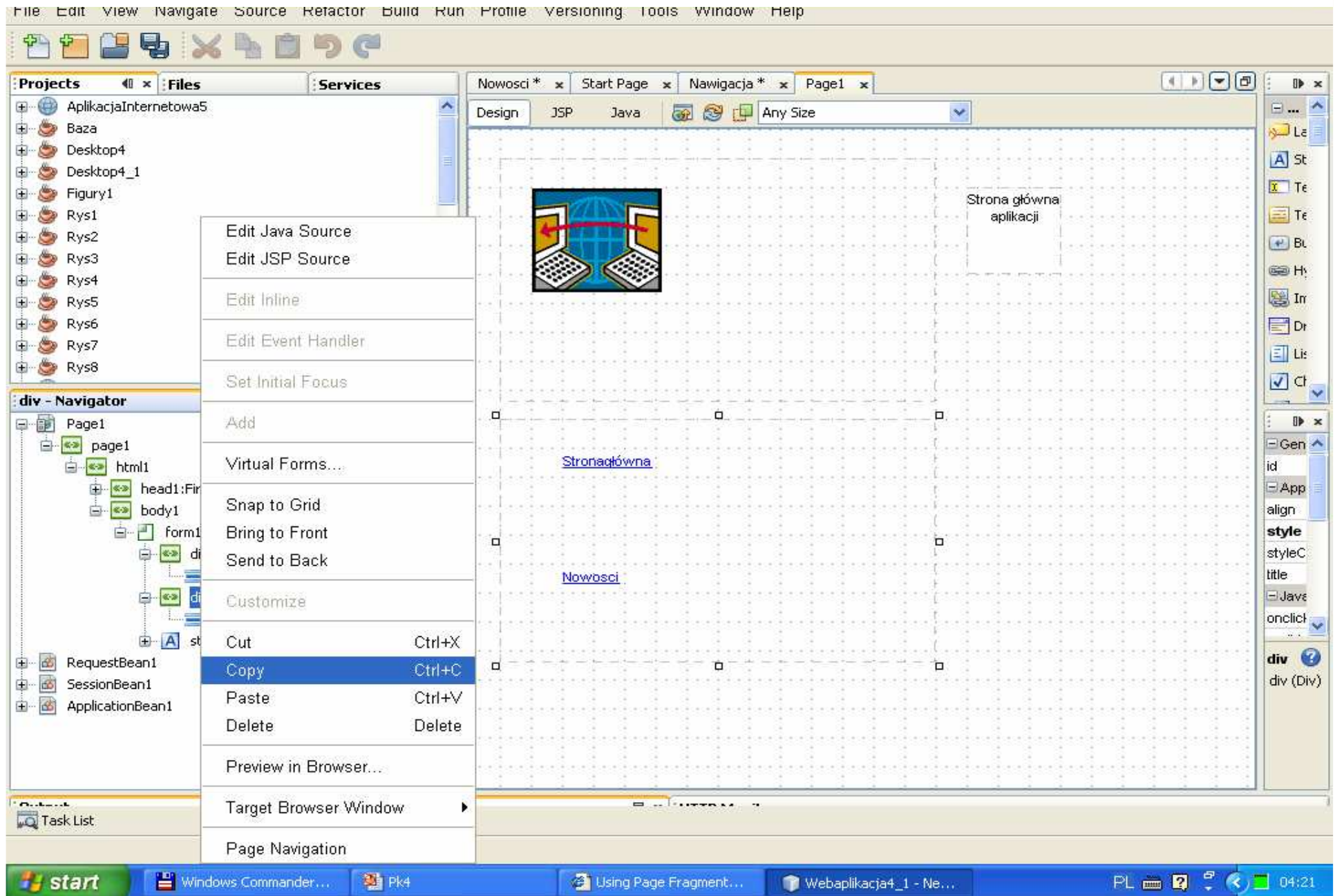
Wstawianie do strony `Nowosci.jsp` fragmentu `Logofirmy` przez wklejenie z notatnika



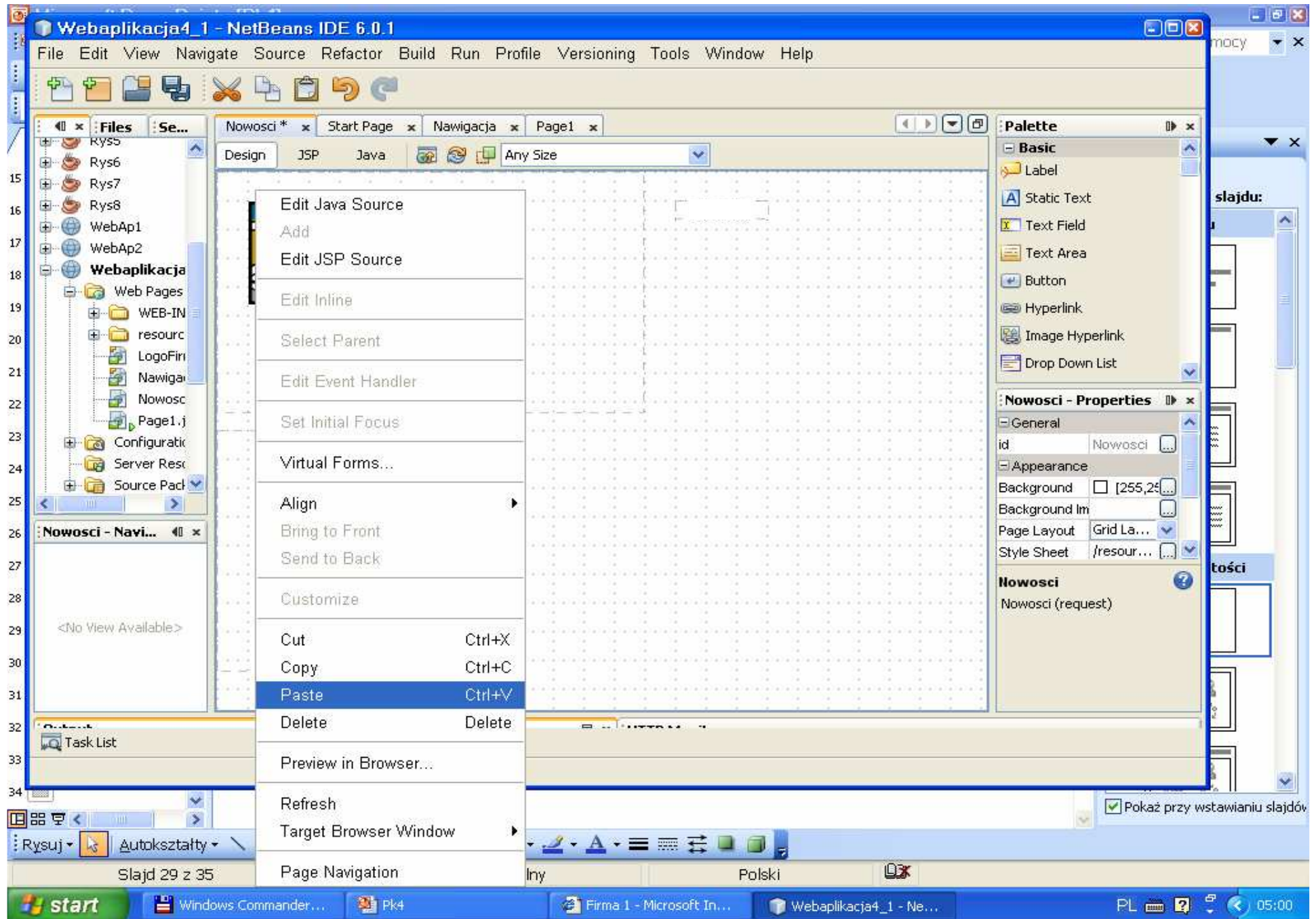
Wstawiony do strony [Nowosci.jsp](#) fragmentu [Logofirmy](#) z notatnika



Kopiowanie ze strony Page1.jsp fragmentu Nawigacja - przez kopiowanie do notatnika za pomocą znacznika div fragmentu Nawigacja w oknie Navigator



Wstawianie do strony `Nowosci.jsp` fragmentu `Nawigacja` z notatnika



Wstawiony fragment Nawigacja do strony Nowosci.jsp z notatnika

The screenshot displays the NetBeans IDE 6.0.1 interface. The main workspace shows a JSP page in Design mode with a grid background. A central graphic depicts two laptops connected by a red double-headed arrow, symbolizing navigation. Below this graphic, the text "Strona główna" and "Nowosci" are visible, indicating the navigation structure. The left sidebar contains a "Files" view showing the project structure and a "div - Navigator" view showing the DOM tree. The right sidebar features a "Palette" with various UI components and a "div - Properties" window showing the properties of the selected div element.

Files

- AplikacjaInternetowa5
- Baza
- Desktop4
- Desktop4_1
- Figury1
- Rys1
- Rys2
- Rys3
- Rys4
- Rys5
- Rys6

div - Navigator

- Nowosci
 - page1
 - html1
 - head1
 - body1
 - form1
 - div
 - div
- RequestBean1
- SessionBean1
- ApplicationBean1

Palette

- Basic
 - Label
 - Static Text
 - Text Field
 - Text Area
 - Button
 - Hyperlink
 - Image Hyperlink
 - Drop Down List

div - Properties

id	div
align	
style	...
styleClass	...

div
div (Div)

Wstawienie do drugiej strony `Nowosci.jsp` pola `Static Text` i nadanie mu napisu `Nowosci`

The screenshot shows an IDE interface with the following components:

- File Explorer:** Shows a project structure with folders like 'Baza', 'Desktop4', and 'Rys1' through 'Rys6'.
- Design View:** Displays a JSP page with a grid. A central image shows two laptops connected to a globe. Below it, the text 'Strona główna' is visible. A new 'Static Text' component, labeled 'Nowości', has been added to the page.
- Palette:** Lists various UI components such as 'Label', 'Static Text', 'Text Field', 'Text Area', 'Button', 'Hyperlink', 'Image Hyperlink', and 'Drop Down List'.
- Properties Window:** Shows the properties for the selected 'staticText1:Nowości' component. The 'text' property is set to 'Nowości'.
- Structure View:** Shows the DOM tree for the page, including 'page1', 'html1', 'head1', 'body1', 'form1', 'div', and 'staticText1:Nowości'.

Ustawienie nieaktywnego połączenia Strona główna dla strony Page1.jsp we fragmencie Nawigacja

The screenshot displays the NetBeans IDE 5.5 interface for a project named 'AplikacjaInternetowa4_1'. The 'Files' view on the left shows the project structure, including a 'Page1.java' file. The 'Navigator' view below it shows the 'prerender()' method selected. The main editor window shows the 'prerender()' method in the 'Page1.jsp' file, where the 'stronaglowna' hyperlink is being set to 'setDisabled(true)'. The status bar at the bottom indicates the cursor is at line 176, column 5.

```
161
162 /**
163  * <p>Callback method that is called just before re
164  * This method will <strong>only</strong> be called
165  * will actually be rendered (and not, for example,
166  * handled a postback and then navigated to a diffe
167  * this method to allocate resources that will be
168  * this page.</p>
169  */
170
171 public void prerender() {
172
173     Nawigacja navigationFragmentBean =
174         (Nawigacja)getBean("Nawigacja");
175     Hyperlink stronaglowna =
176         navigationFragmentBean.getHyperlink1();
177     stronaglowna.setDisabled(true);
178 }
```

Ustawienie nieaktywnego połączenia [Nowosci](#) dla strony [Nowosci.jsp](#) we fragmencie [Nawigacja](#)

The screenshot shows the NetBeans IDE 5.5 interface. The title bar reads "NetBeans IDE 5.5 - AplikacjaInternetowa4_1". The menu bar includes "File", "Edit", "View", "Navigate", "Source", "Refactor", "Build", "Run", "CVS", "Tools", "Window", and "Help".

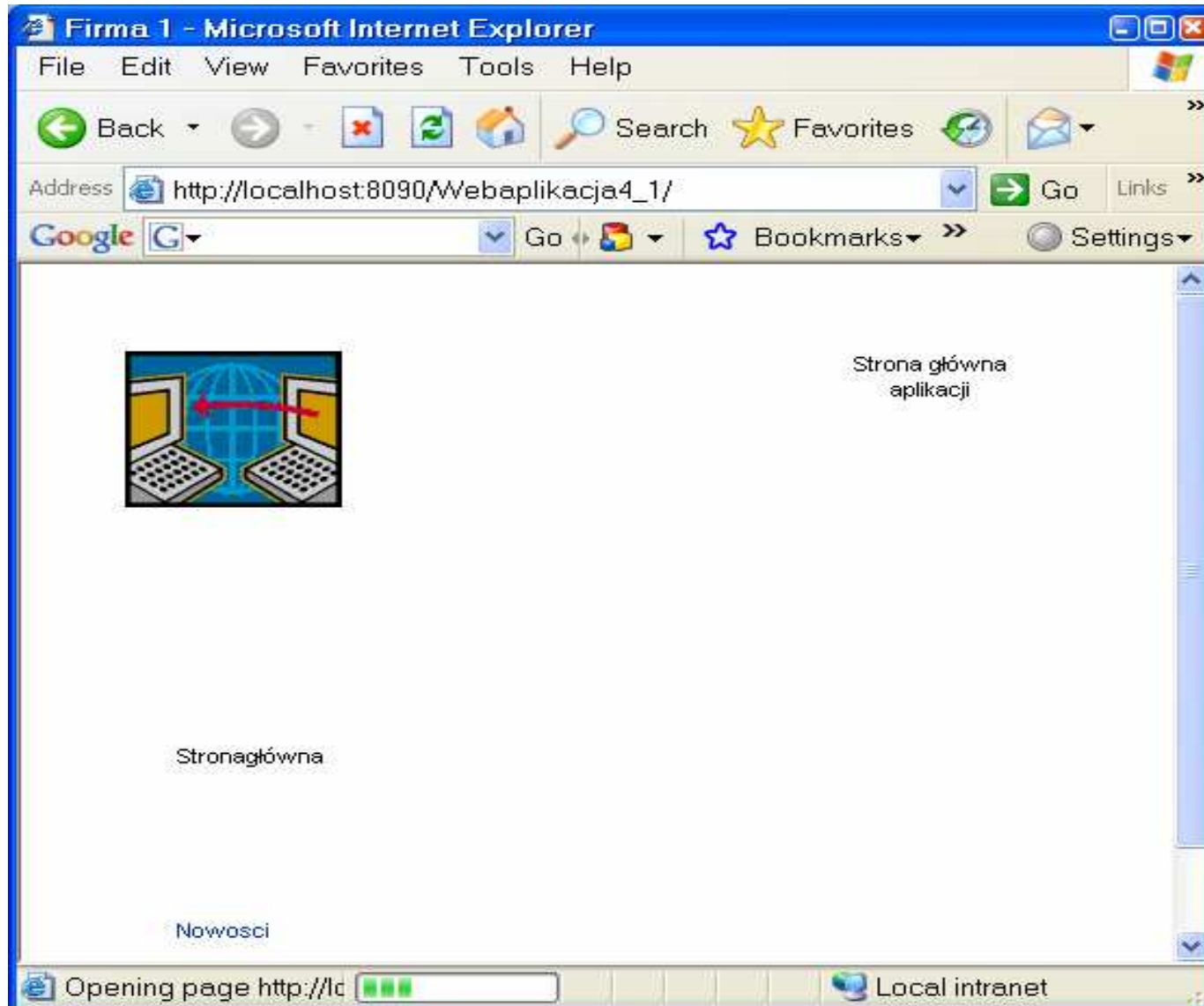
The left sidebar contains a "Projects" view showing a tree structure for "aplikacjainternetowa4_1" with files like "ApplicationBean1.java", "Bundle.properties", "Logofirmy.java", "Nawigacja.java", "Nowosci.java", "Page1.java", "RequestBean1.java", and "SessionBean1.java". Below it is a "Navigator - pr..." view showing a "Members View" with methods: "getLocalText()", "init()", "preprocess()", and "prerender()".

The main editor window shows the "Java" source code for "Nawigacja.java". The code is as follows:

```
160     }
161
162     /**
163      * <p>Callback method that is called just before re
164      * This method will <strong>only</strong> be called
165      * will actually be rendered (and not, for example,
166      * handled a postback and then navigated to a differ
167      * this method to allocate resources that will be r
168      * this page.</p>
169     */
170
171     public void prerender() {
172         Nawigacja navigationFragmentBean =
173             (Nawigacja)getBean("Nawigacja");
174         Hyperlink nowosci =
175             navigationFragmentBean.getHyperlink2();
176         nowosci.setEnabled(false);
177     }
178 }
```

The line `nowosci.setEnabled(false);` is highlighted in yellow. The status bar at the bottom shows "175:16 INS".

Uruchomienie aplikacji - (Kliknij prawym klawiszem myszy w oknie **Project** na nazwę projektu, w ukazanym oknie uruchom kolejno **Build Project, Deploy Project, Run Project** – można wywołać **Run**, wtedy zostaną uruchomione automatycznie **Build Project, Deploy Project**)



http://localhost:8080/AplikacjaInternetowa4_1/faces/Nowosci.jsp...

Plik Edycja Widok Ulubione Narzędzia P



Wstecz

Łącza



McAfee SiteAdvisor

Adres



http://localhost:8080/AplikacjaInternetowa4_1/faces/Nowosci.jsp;jsessionid=...



Przejdź



Nowosci

[Strona glowna](#)

[Nowosci](#)