

Veri Yapıları

Hafta-4

Görsel Arayüz Geliştirme

Netbeans Kurulumu

- <http://www.netbeans.org/>

The image shows the box art for NetBeans IDE 7.0.1. It is a blue box with a yellow 'NEW' banner in the top left corner. The NetBeans logo is in the top left, followed by 'NetBeans IDE' and a large '7.0'. The tagline 'The Smarter Way to Code' is at the bottom. The side of the box also says 'NetBeans'.

NetBeans IDE 7.0.1

Develop desktop, mobile and web applications with Java, PHP, C/C++ and more.

Runs on Windows, Linux, Mac OS X and Solaris. NetBeans IDE is open-source and free.

 **Download FREE**
NetBeans IDE 7.0.1

 [Learn More about NetBeans IDE](#)

Netbeans Kurulumu

Email address (optional):

Subscribe to newsletters: ☒ Monthly ☐ Weekly

☒ NetBeans can contact me at this address

IDE Language:

Platform:

Note: Greyed out technologies are not supported for this platform.

NetBeans IDE Download Bundles

Supported technologies *

	Java SE	Java EE	C/C++	PHP	All
<input checked="" type="checkbox"/> NetBeans Platform SDK	•	•			•
<input checked="" type="checkbox"/> Java SE	•	•			•
<input checked="" type="checkbox"/> Java EE		•			•
<input checked="" type="checkbox"/> Java ME					•
<input checked="" type="checkbox"/> Java Card™ 3 Connected					•
<input checked="" type="checkbox"/> C/C++			•		•
<input checked="" type="checkbox"/> Groovy					•
<input checked="" type="checkbox"/> PHP				•	•
Bundled servers					
<input checked="" type="checkbox"/> GlassFish Server Open Source Edition 3.1.1		•			•
<input checked="" type="checkbox"/> Apache Tomcat 7.0.14		•			•

Download

Free, 66 MB

Download

Free, 158 MB

Download

Free, 44 MB

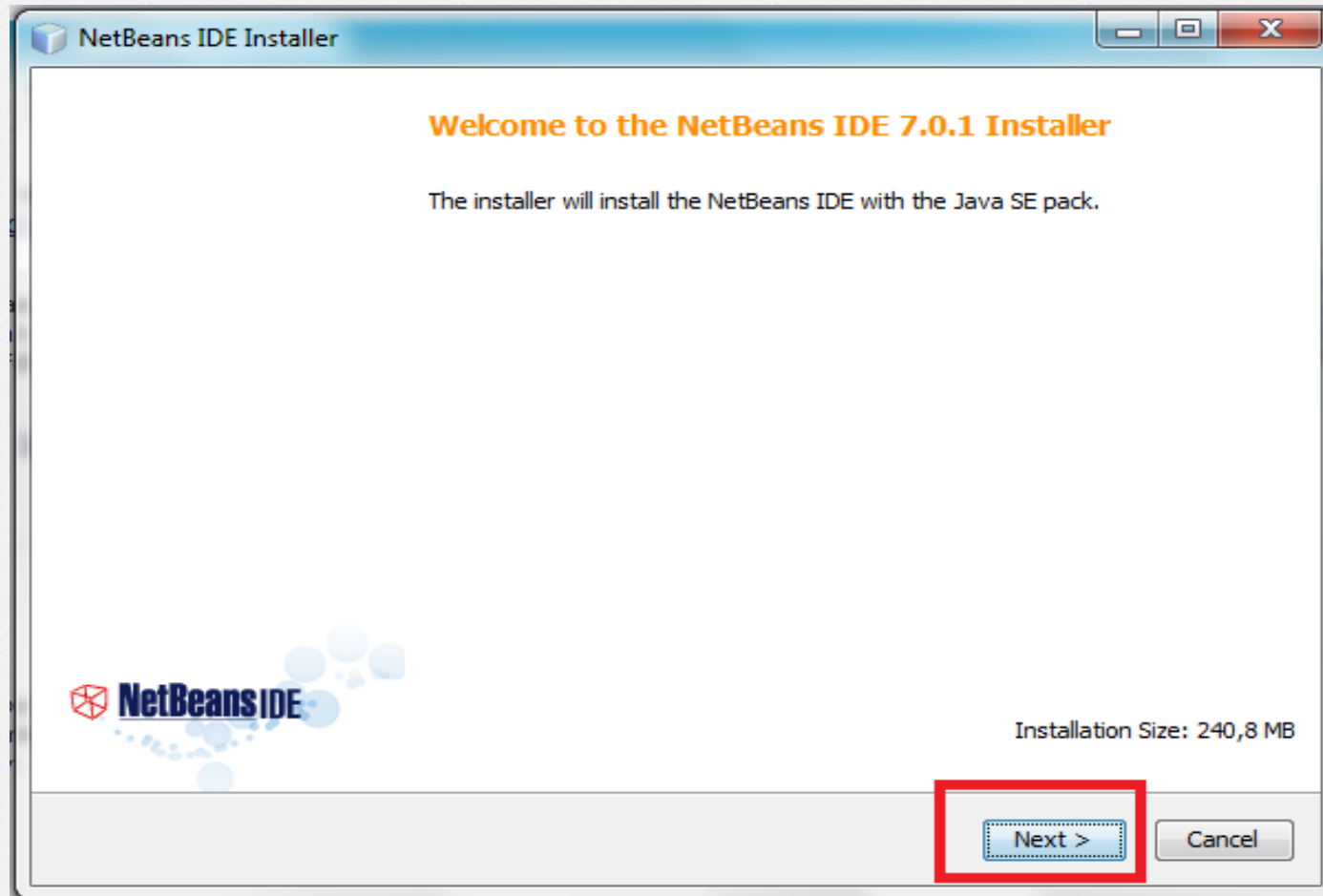
Download

Free, 42 MB

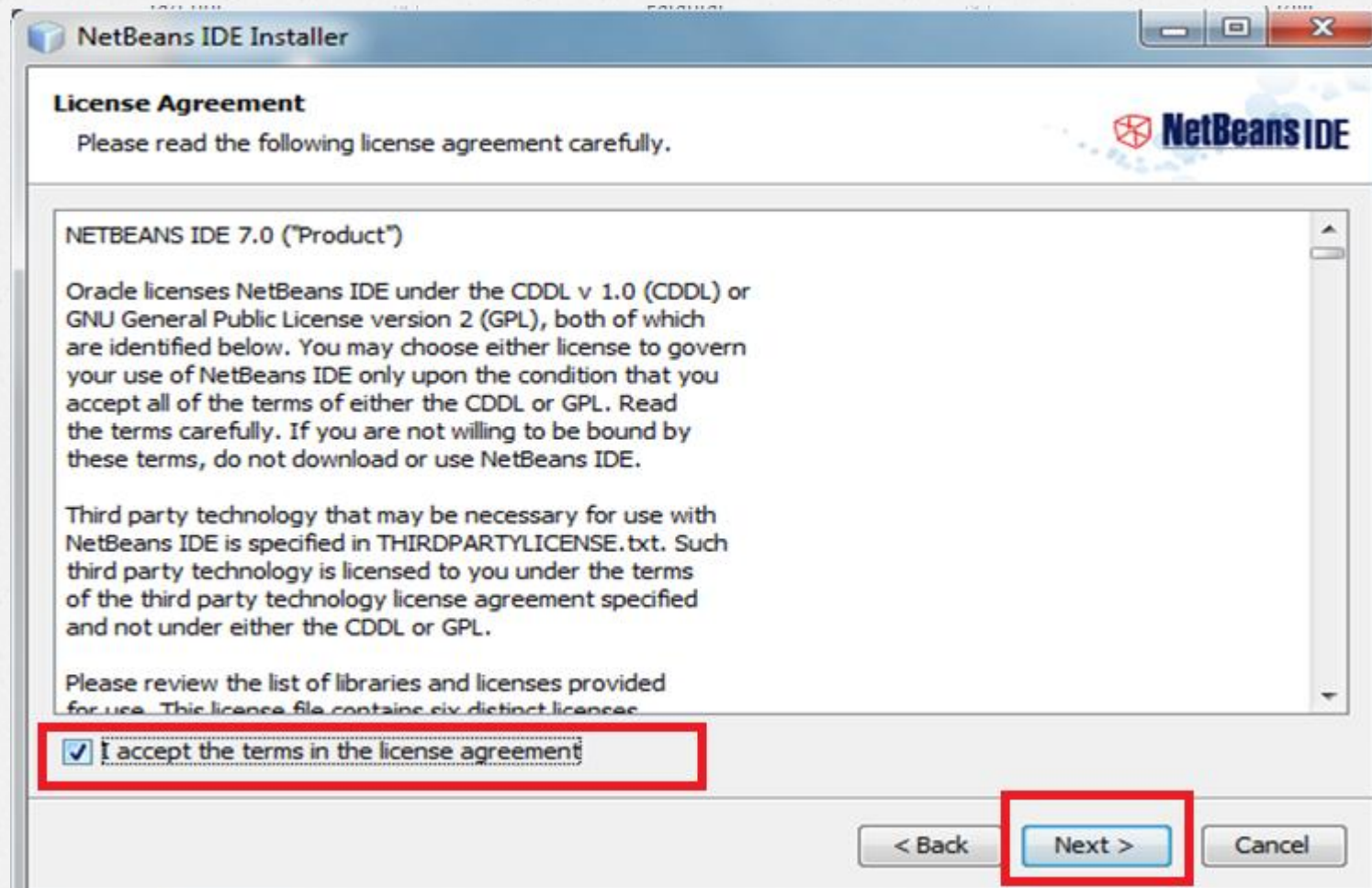
Download

Free, 245 MB

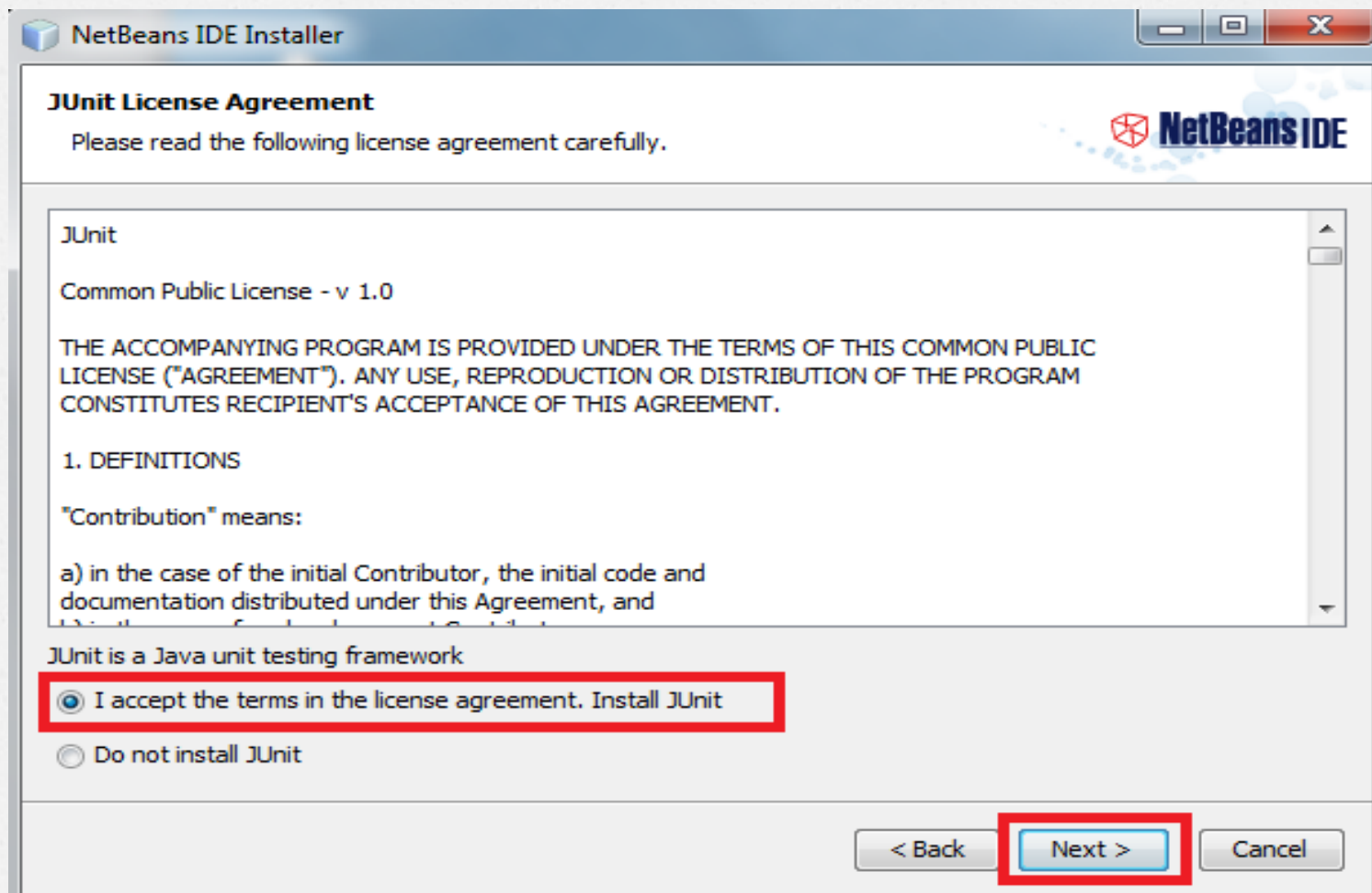
Netbeans Kurulumu



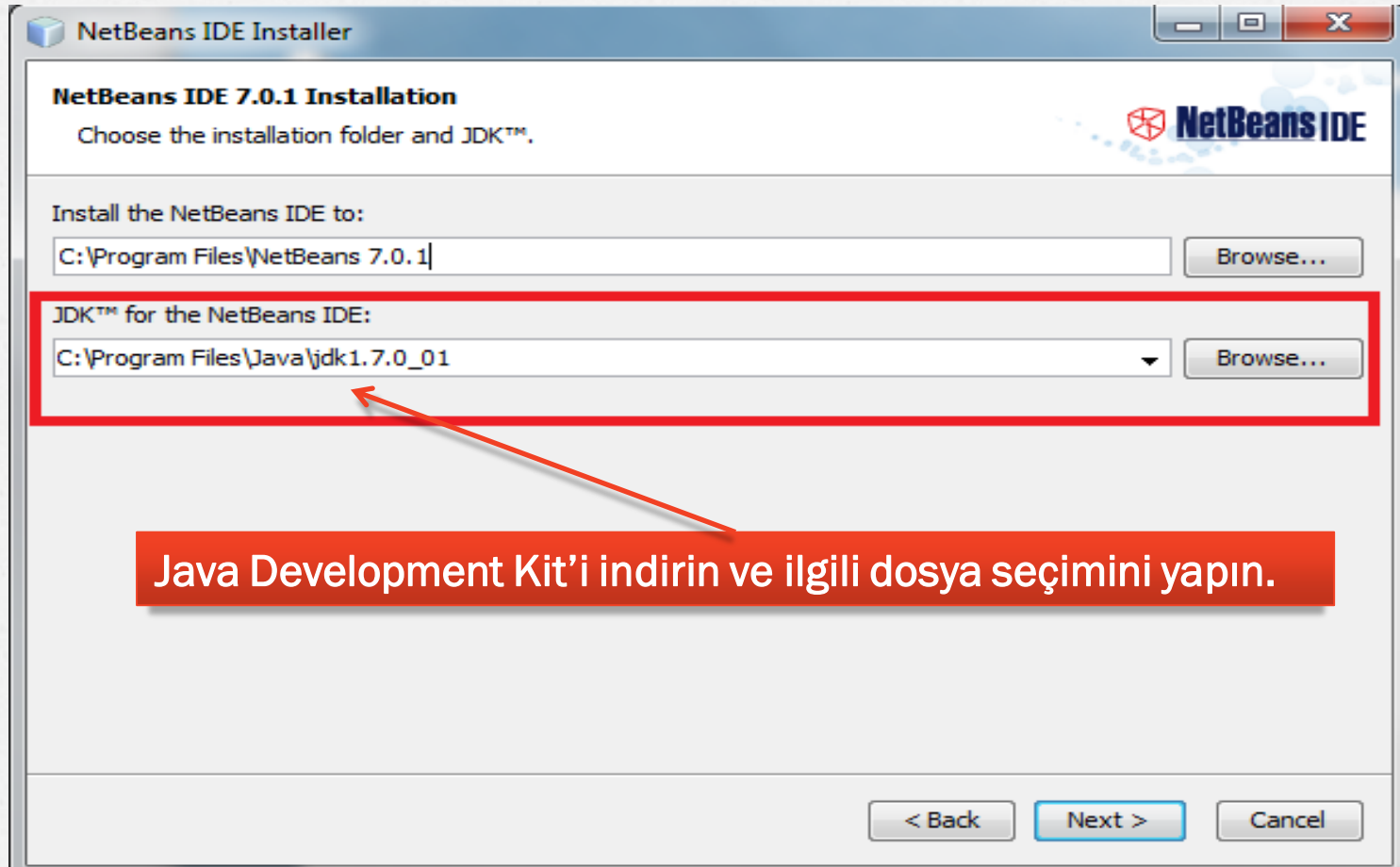
Netbeans Kurulumu



Netbeans Kurulumu



Netbeans Kurulumu



The image shows the NetBeans IDE 7.0.1 Installation window. The title bar reads "NetBeans IDE Installer". The main heading is "NetBeans IDE 7.0.1 Installation" with the instruction "Choose the installation folder and JDK™." The NetBeans IDE logo is in the top right corner. There are two input fields: "Install the NetBeans IDE to:" with the path "C:\Program Files\NetBeans 7.0.1" and a "Browse..." button; and "JDK™ for the NetBeans IDE:" with a dropdown menu showing "C:\Program Files\Java\jdk1.7.0_01" and a "Browse..." button. A red rectangle highlights the JDK selection area, and a red arrow points from a text box below to it. At the bottom are "< Back", "Next >", and "Cancel" buttons.

NetBeans IDE Installer

NetBeans IDE 7.0.1 Installation
Choose the installation folder and JDK™.

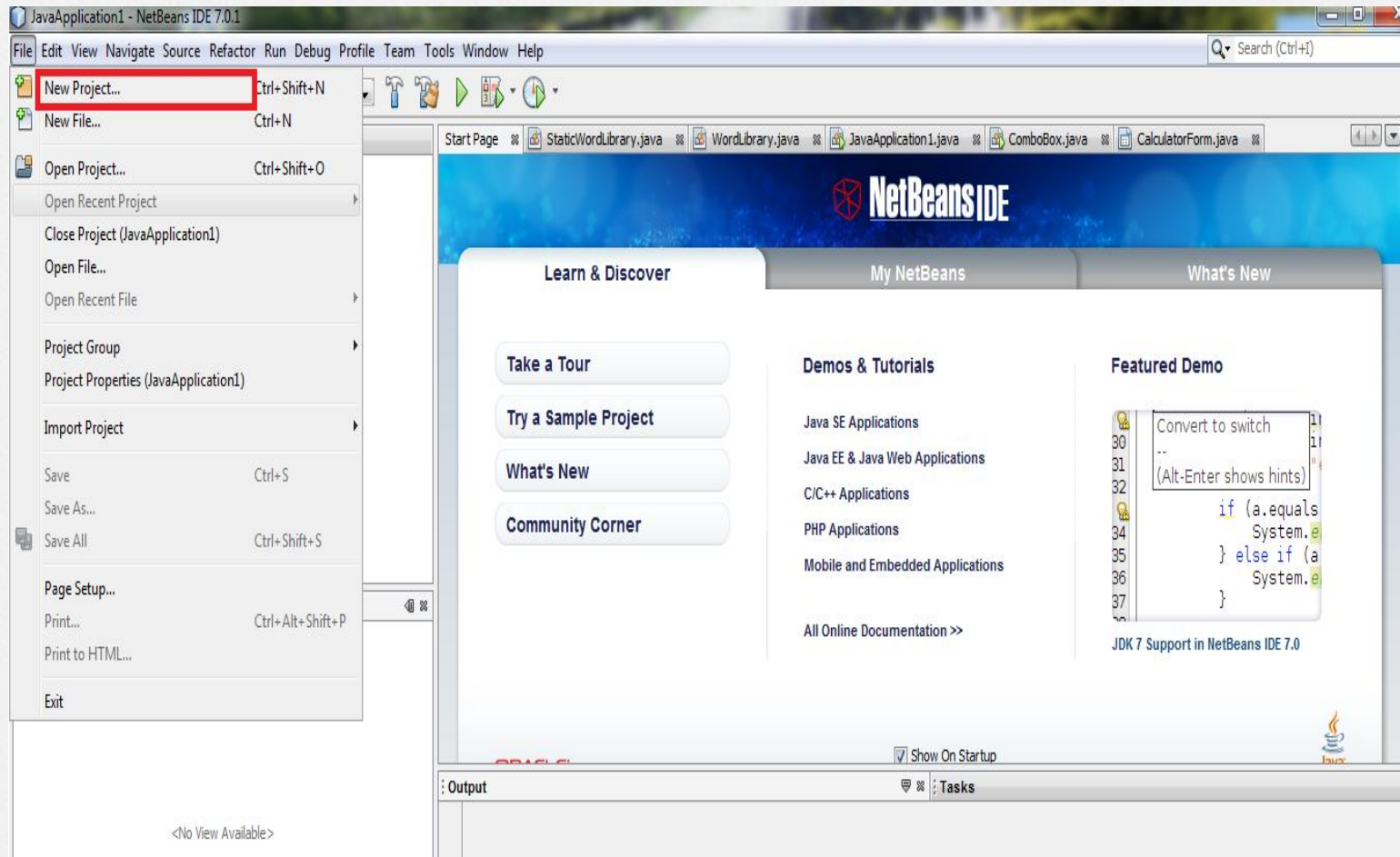
Install the NetBeans IDE to:
C:\Program Files\NetBeans 7.0.1

JDK™ for the NetBeans IDE:
C:\Program Files\Java\jdk1.7.0_01

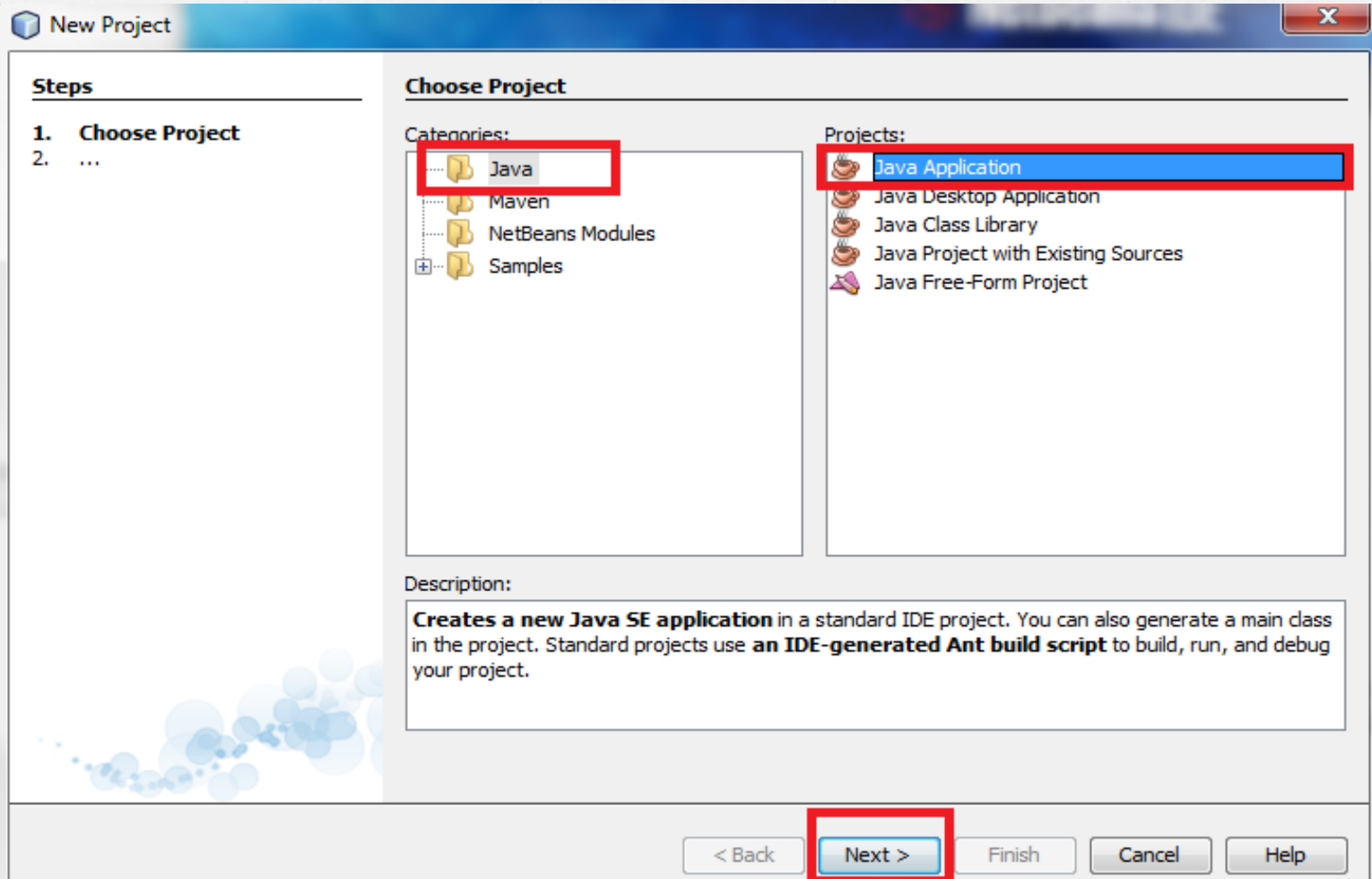
< Back Next > Cancel

Java Development Kit'i indirin ve ilgili dosya seçimini yapın.

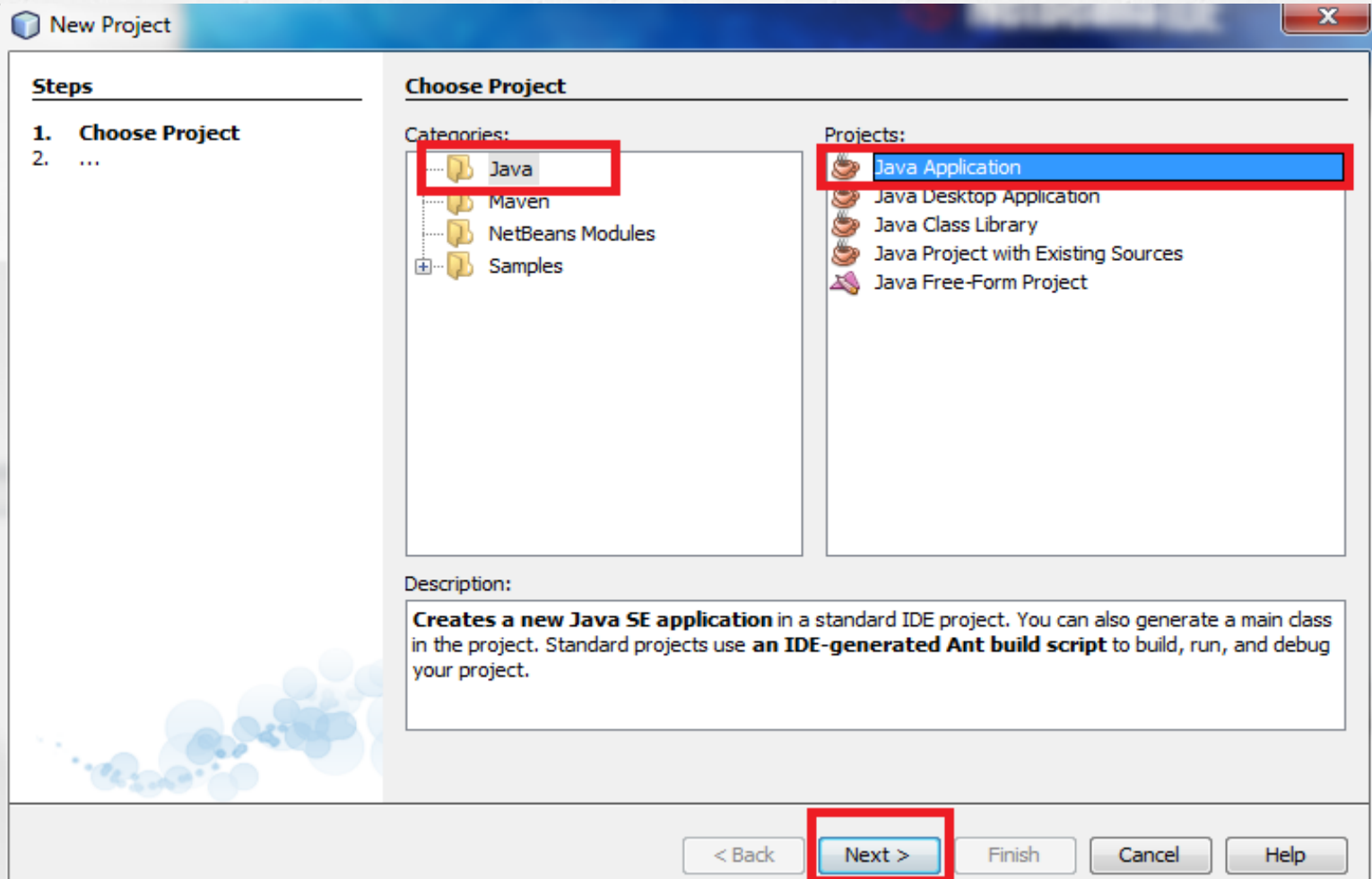
Netbeans'te Arayüz Oluşturma



Netbeans'te Arayüz Oluşturma



Netbeans'te Arayüz Oluşturma



Netbeans'te Arayüz Oluşturma

New Java Application

Steps

1. Choose Project
2. **Name and Location**

Name and Location

Project Name: Hafta4

Project Location: C:\Users\...\Documents\NetBeansProjects Browse...

Project Folder: C:\Users\...\Documents\NetBeansProjects\Hafta4

☐ Use Dedicated Folder for Storing Libraries

Libraries Folder: Browse...

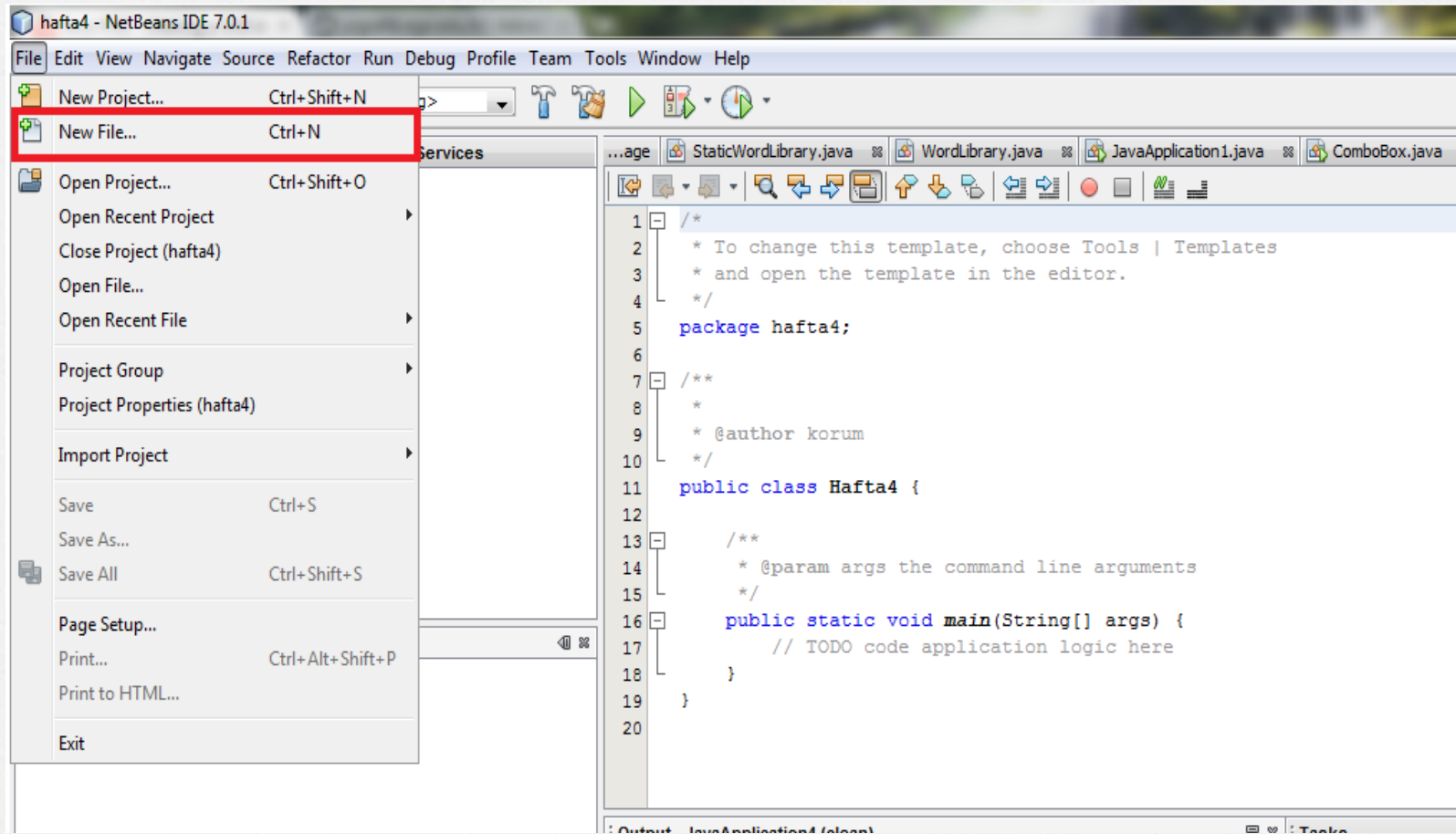
Different users and projects can share the same compilation libraries (see Help for details).

☒ Create Main Class hafta4.Hafta4

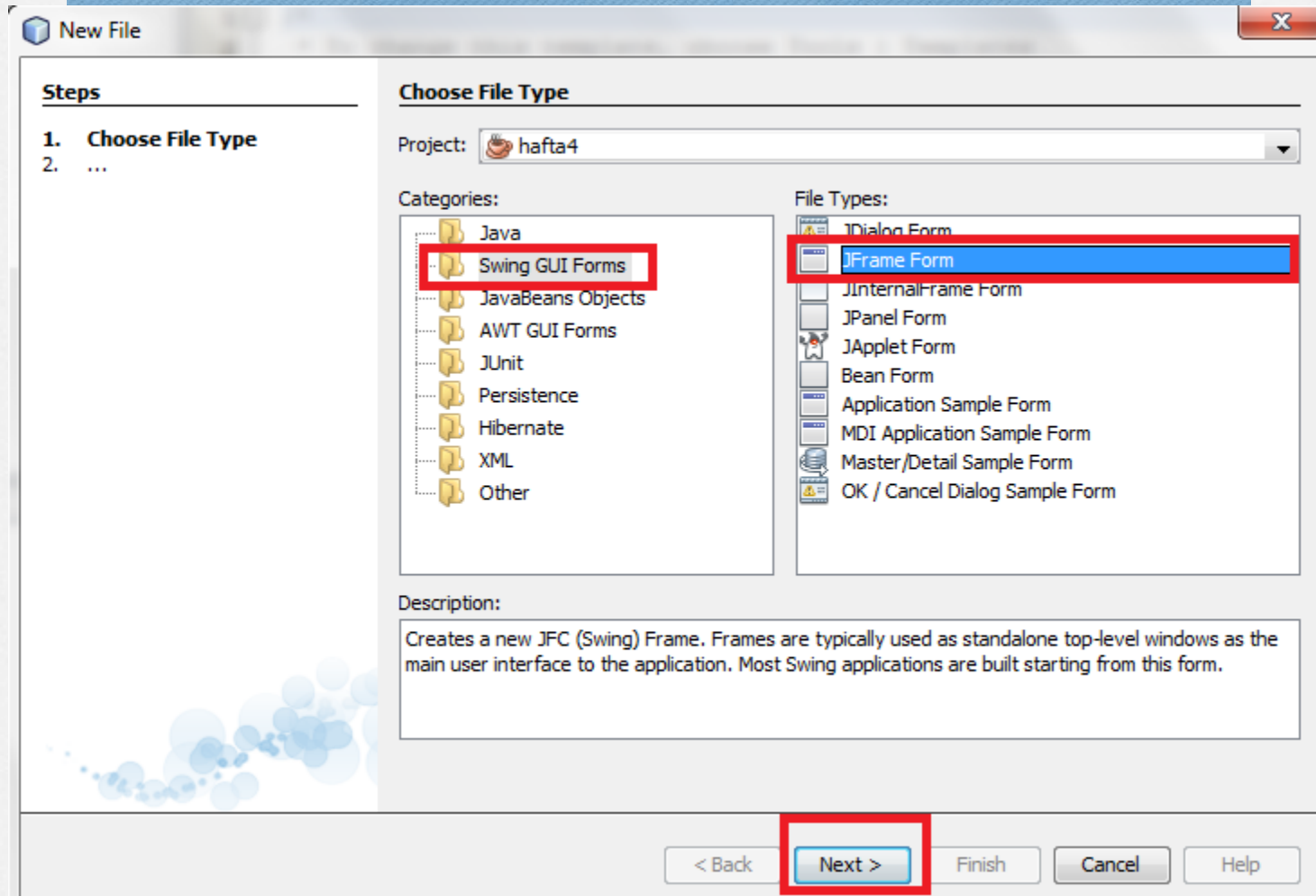
☐ Set as Main Project

< Back Next > Finish Cancel Help

Netbeans'te Arayüz Oluşturma



Netbeans'te Arayüz Oluşturma



Netbeans'te Arayüz Oluşturma

New JFrame Form

Steps

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

Name and Location

Class Name: Hafta4Frame

Project: hafta4

Location: Source Packages

Package:

Created File: C:\Users\korum\Documents\NetBeansProjects\Hafta4\src\Hafta4Frame.java



Warning: It is highly recommended that you do NOT place Java classes in the default package.

< Back

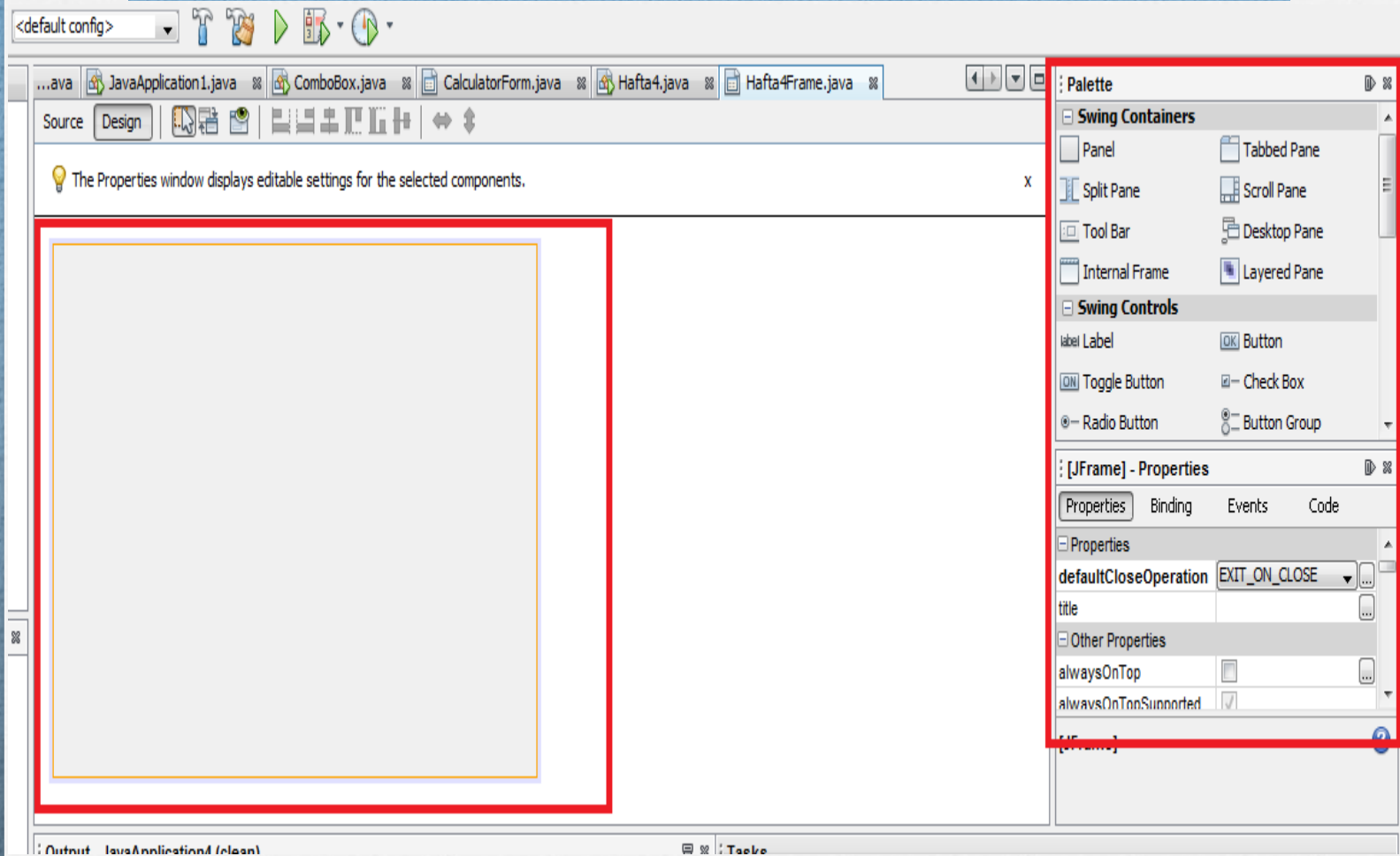
Next >

Finish

Cancel

Help

Netbeans'te Arayüz Oluşturma



Basit bir hesap makinesi
arayüzü oluşturmak

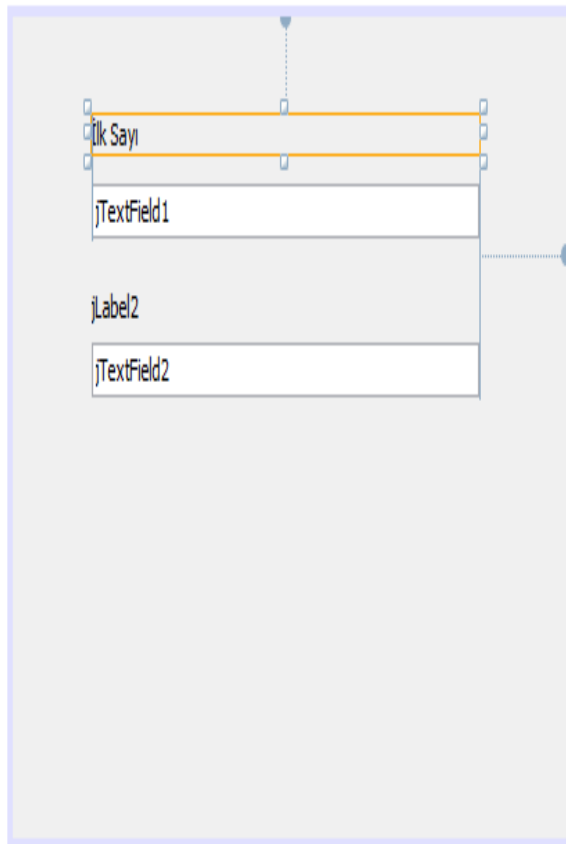
jLabel1

jTextField1

jLabel2

jTextField2

The Properties window displays editable settings for the selected components.



Swing Controls

- Label
- Toggle Button
- Radio Button
- Combo Box
- Button
- Check Box
- Button Group
- List

jLabel1 [JLabel] - Properties

Properties Binding Events Code

background	[240,240,240]
displayedMnemonic	
font	Tahoma 11 Plain
foreground	[0,0,0]
horizontalAlignment	LEADING
icon	
labelFor	<none>
text	İlk Sayı
tooltipText	

jLabel1 [JLabel]

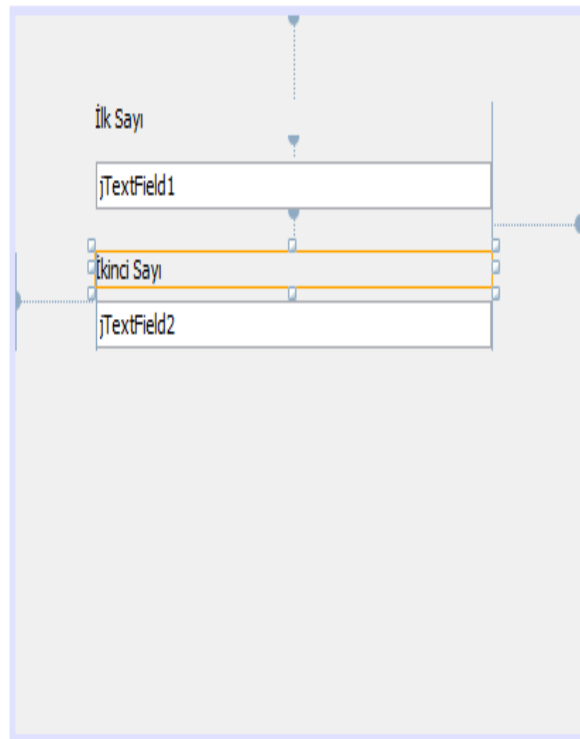
Source

Design



Use the Source button (in the toolbar) to switch to the source code.

x



Internal Frame Layered Pane

Swing Controls

- Label Label OK Button
- Toggle Button Check Box
- Radio Button Button Group
- Combo Box List

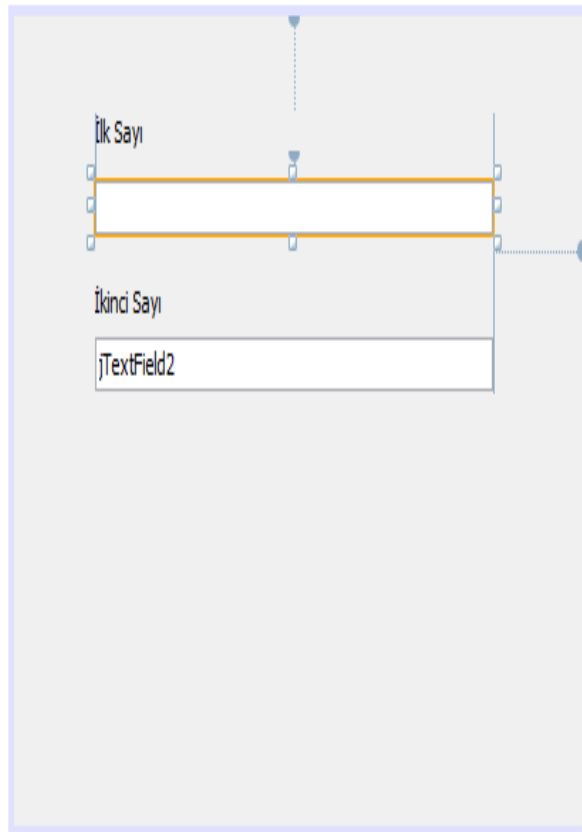
jLabel2 [JLabel] - Properties

Properties Binding Events Code

background	[240,240,240]
displayedMnemonic	
font	Tahoma 11 Plain
foreground	[0,0,0]
horizontalAlignment	LEADING
icon	
text	İkinci Sayı
toolTipText	

jLabel2 [JLabel]

💡 The Tools>Palette>Swing/AWT Components menu item allows you to modify the content of the Palette.



Swing Controls

Label	Button
Toggle Button	Check Box
Radio Button	Button Group
Combo Box	List

jTextField1 [JTextField] - Properties

Properties Binding Events Code

columns	0
document	<default>
editable	<input checked="" type="checkbox"/>
font	Tahoma 11 Plain
foreground	[0,0,0]
horizontalAlignment	LEADING
text	
tooltipText	

Other Properties

jTextField1 [JTextField]

Source

Design



Use the Source button (in the toolbar) to switch to the source code.

x

İlk Sayı

İkinci Sayı

Internal Frame

Layered Pane

Swing Controls

Label

OK Button

Toggle Button

Check Box

Radio Button

Button Group

Combo Box

List

jTextField2 [JTextField] - Properties

Properties

Binding

Events

Code

columns

0

document

<default>

editable

☒

font

Tahoma 11 Plain

foreground

[0,0,0]

horizontalAlignment

LEADING

text

toolTipText

Other Properties

jTextField2 [JTextField]



Use the Palette window to add a component to the designer.

x

İlk Sayı

İkinci Sayı

jButton1

jButton2

☐ Internal Frame

☒ Layered Pane

- Swing Controls

Label

OK Button

☐ Combo Box

☐ List

☐ Progress Bar

☐ Formatted File

☒ Editor Pane

☐ Tree

+ Swing Menus

+ Swing Windows

+ Swing Fillers

+ AWT

+ Beans

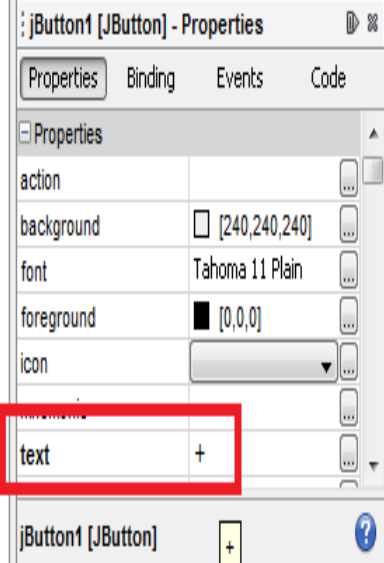
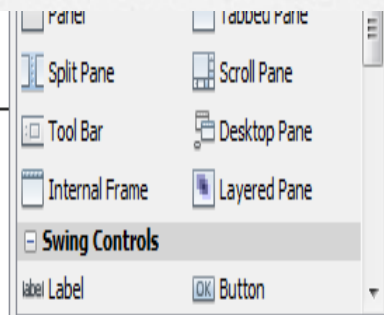
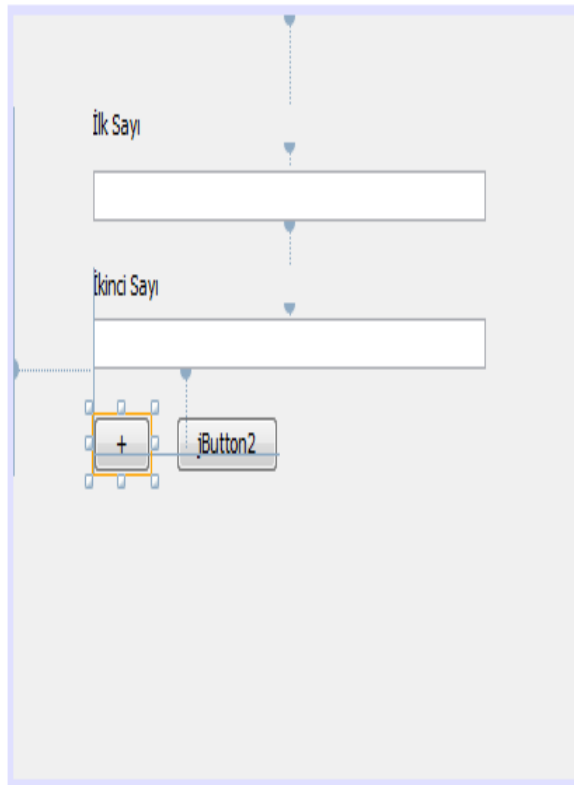
+ Java Persistence

+ Look and Feels

Other Components - Properties

Other Components

💡 The Tools>Palette>Swing/AWT Components menu item allows you to modify the content of the Palette.



Source

Design



The Properties window displays editable settings for the selected components.

x

İlk Sayı

İkinci Sayı



Swing Containers

- ☐ Panel
- ☐ Split Pane
- ☐ Tool Bar
- ☐ Internal Frame
- ☐ Tabbed Pane
- ☐ Scroll Pane
- ☐ Desktop Pane
- ☐ Layered Pane

Swing Controls

Label Label Button

jButton2 [JButton] - Properties

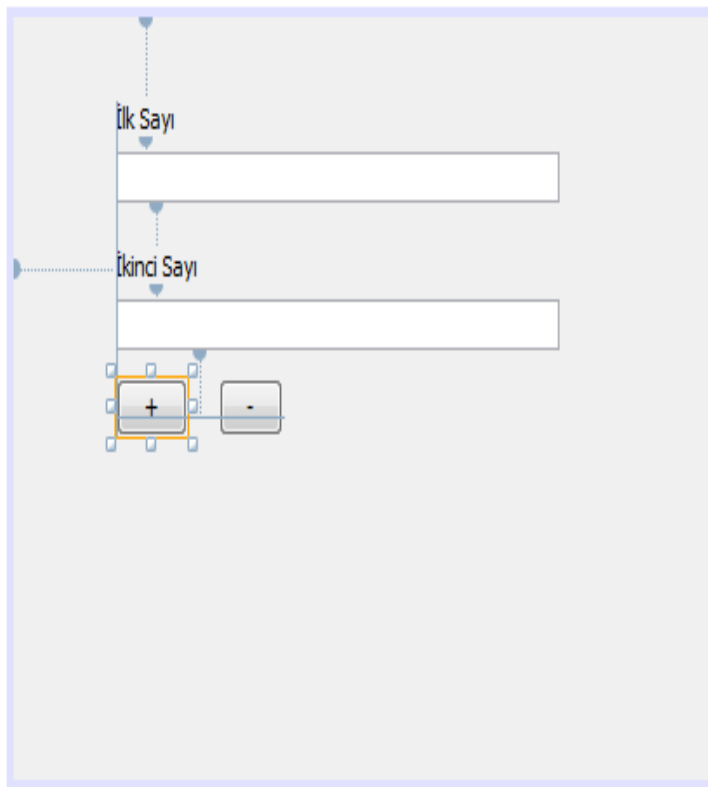
Properties Binding Events Code

Properties

action		...
background	<input type="checkbox"/> [240,240,240]	...
font	Tahoma 11 Plain	...
foreground	<input type="checkbox"/> [0,0,0]	...
icon		...
text	-	...

jButton2 [JButton]





Internal Frame Layered Pane

Swing Controls

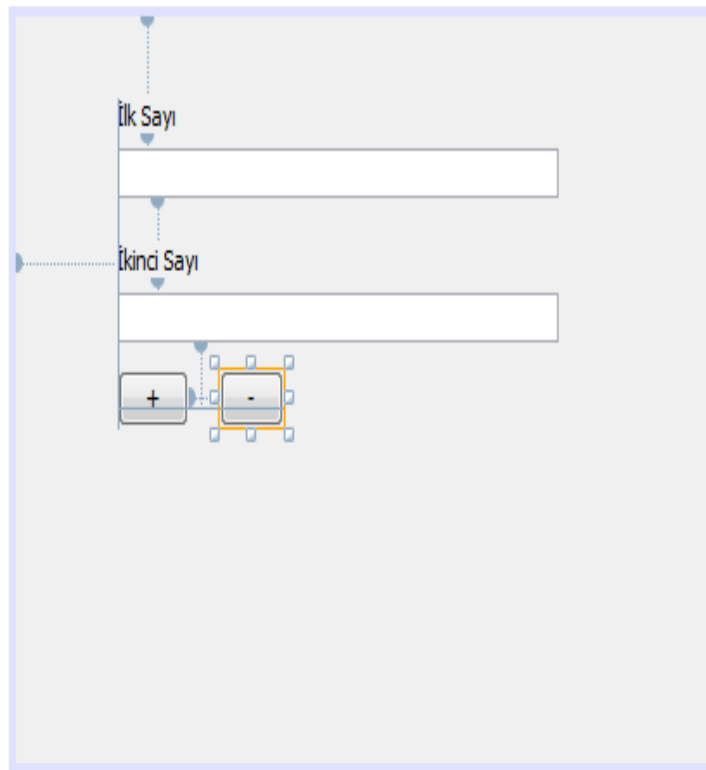
- Label Label OK Button
- Toggle Button Check Box
- Radio Button Button Group
- Combo Box List
- Text Field Text Area

jButton1 [JButton] - Properties

Properties	Binding	Events	Code
font	Tahoma 11 Plain		
foreground	[0,0,0]		
icon			
mnemonic			
text	+		
toolTipText	toplama		

Other Properties

jButton1 [JButton]



Internal Frame Layered Pane

Swing Controls

- Label Label OK Button
- Toggle Button Check Box
- Radio Button Button Group
- Combo Box List
- Text Field Text Area

jButton2 [JButton] - Properties

Properties	Binding	Events	Code
foreground	[0,0,0]		
icon			
mnemonic			
text	-		
toolTipText	çikarma		

Other Properties

UIClassID	ButtonUI
-----------	----------

jButton2 [JButton]

The Inspector window displays a tree hierarchy of components in the opened form.

İlk Sayı

İkinci Sayı

+ -

jLabel3

Sonucun yazdırılması için bir etiket oluşturuluyor.

Split Pane
Tool Bar
Internal Frame
Swing Controls
Scroll Pane
Desktop Pane
Layered Pane

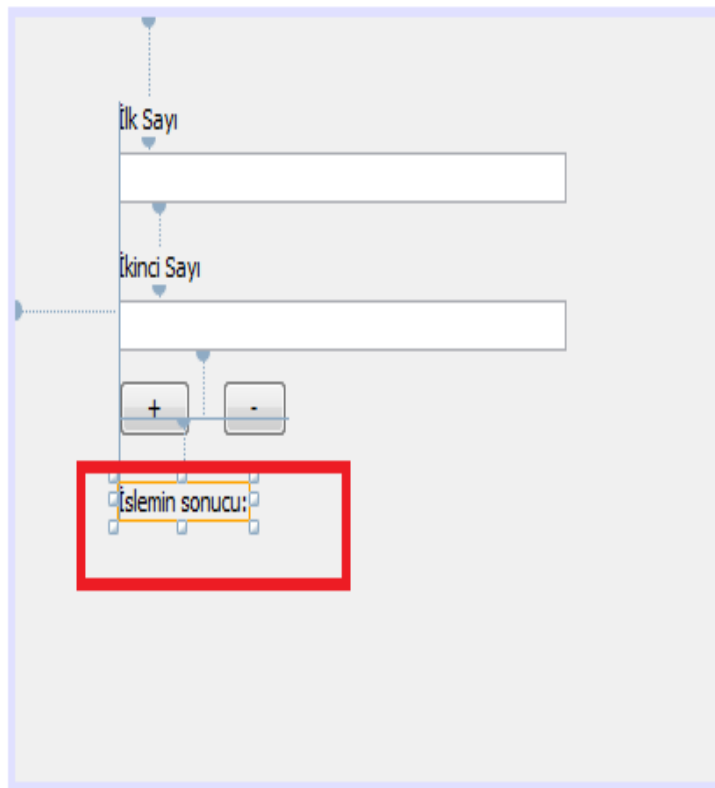
label Label
OK Button
Toggle Button
Check Box
Radio Button
Button Group
Combo Box
List
Text Field
Text Area

[JFrame] - Properties

Properties Binding Events Code

alwaysOnTop	<input type="checkbox"/>	...
alwaysOnTopSupported	<input checked="" type="checkbox"/>	...
background	<input type="checkbox"/> [240,240,240]	...
bounds	<Not Set>	...
cursor	Default Cursor	...
enabled	<input checked="" type="checkbox"/>	...
extendedState	0	...

[JFrame]



Internal Frame Layered Pane

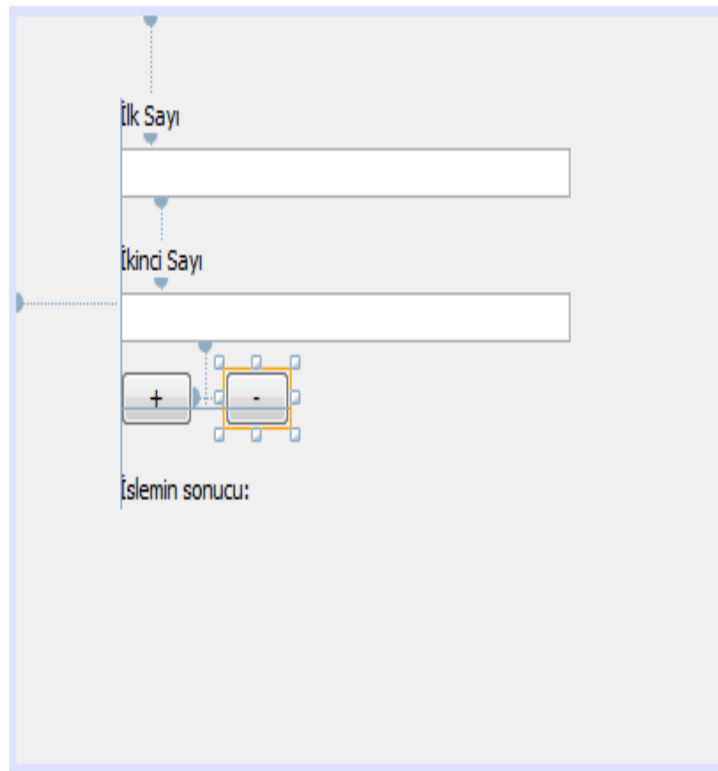
Swing Controls

- Label Label OK Button
- Toggle Button Check Box
- Radio Button Button Group
- Combo Box List
- Text Field Text Area

jLabel3 [JLabel] - Properties

Properties	Binding	Events	Code
foreground		■ [0,0,0]	...
horizontalAlignment		LEADING	...
icon			...
labelFor		<none>	...
text		İşlemin sonucu:	...
toolTipText		null	...
verticalAlignment		CENTER	...

jLabel3 [JLabel]



Internal Frame Layered Pane

Swing Controls

Label Label OK Button

Toggle Button Check Box

Radio Button Button Group

Combo Box List

Text Field Text Area

minusButton [JButton] - Properties

Properties Binding Events **Code**

Code Generation

Bean Class class.isvey.swing.JButt...

Variable Name minusButton

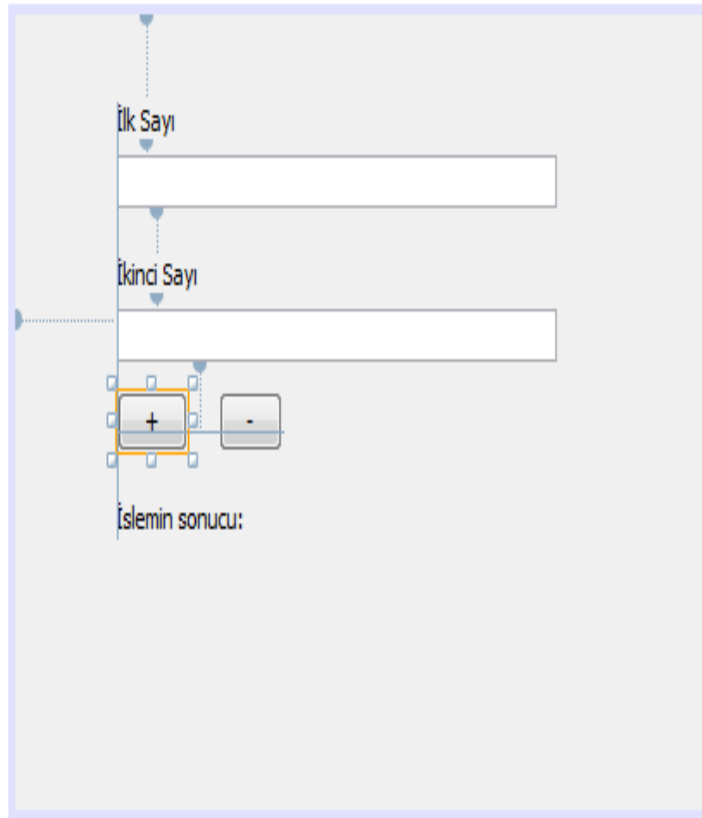
Variable Modifiers private

Type Parameters

Use Local Variable

Generate Mnemonics Cod

minusButton [JButton]



Internal Frame Layered Pane

Swing Controls

label Label OK Button

ON Toggle Button Check Box

Radio Button Button Group

Combo Box List

Text Field Text Area

plusButton [JButton] - Properties

Properties Binding Events Code

Code Generation

Bean Class	class javax.swing.JButt...
Variable Name	plusButton
Variable Modifiers	private
Type Parameters	
Use Local Variable	
Generate Mnemonics Cod	

plusButton [JButton]

ilk Sayı

ikinci Sayı

+

-

islemin sonucu:

Internal Frame Layered Pane

Swing Controls

Label Label OK Button

Toggle Button Check Box

Radio Button Button Group

Combo Box List

Text Field Text Area

jTextField1 [JTextField] - Properties

Properties Binding Events Code

Code Generation

Bean Class class javax.swing.JTextField

Variable Name firstNumberText

Variable Modifiers private

Type Parameters

Use Local Variable

Custom Creation Code

Variable Name

The name of the global variable generated for this component.

İlk Sayı

İkinci Sayı

+

-

İşlemin sonucu:

<input type="checkbox"/> Internal Frame	<input type="checkbox"/> Layered Pane
Swing Controls	
label Label	<input type="checkbox"/> Button
<input checked="" type="checkbox"/> Toggle Button	<input checked="" type="checkbox"/> Check Box
<input type="radio"/> Radio Button	<input type="radio"/> Button Group
<input type="checkbox"/> Combo Box	<input type="checkbox"/> List
<input type="checkbox"/> Text Field	<input type="checkbox"/> Text Area

TextField2 [JTextField] - Properties

Properties Binding Events Code

Code Generation

Bean Class class javax.swing.JTex...

Variable Name secondNumberText

Variable Modifiers private

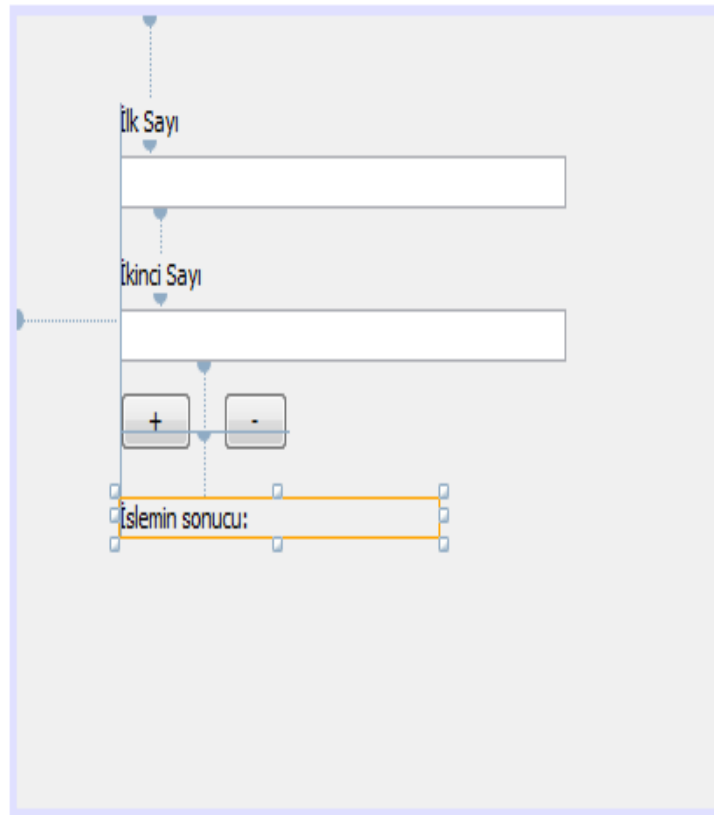
Type Parameters

Use Local Variable ☐

Custom Creation Code

Variable Name

The name of the global variable generated for this component.



☐ Internal Frame ☒ Layered Pane

Swing Controls

label Label ☒ OK Button

☒ Toggle Button ☒ Check Box

☒ Radio Button ☒ Button Group

☒ Combo Box ☒ List

☐ Text Field ☒ Text Area

jLabel3 [JLabel] - Properties

Properties Binding Events Code

Code Generation

Bean Class	class javax.swing.JLabel
Variable Name	answerLabel
Variable modifiers	private
Type Parameters	
Use Local Variable	<input type="checkbox"/>
Generate Mnemonics Cod	<input type="checkbox"/>

Variable Name

The name of the global variable generated for this component

Use the Palette window to add a component to the designer.

x

İlk Sayı

İkinci Sayı

İşlemin sonucu:

+

-

- Split Pane
- Tool Bar
- Internal Frame
- Swing Controls
- Label
- Toggle Button
- Radio Button
- Combo Box
- Text Field
- Scroll Pane
- Desktop Pane
- Layered Pane
- OK Button
- Check Box
- Button Group
- List
- Text Area

Swing Controls

- Label
- Toggle Button
- Radio Button
- Combo Box
- Text Field
- OK Button
- Check Box
- Button Group
- List
- Text Area

plusButton [JButton] - Properties

- Properties
- Binding
- Events
- Code

ActionPerformed	plusButtonActio...	...
ancestorAdded	<none>	...
ancestorMoved	<none>	...
ancestorMoved	<none>	...
ancestorRemoved	<none>	...
ancestorResized	<none>	...

plusButton [JButton]

Output - Hafta4 (run)

Tasks

```
private void firstNumberTextActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

```
private void plusButtonActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
    |  
}
```

```
private void minusButtonActionPerformed(java.awt.event.ActionEvent evt) {  
    // TODO add your handling code here:  
}
```

Birleşik Giriş Kutusu (Combobox) Örneği

Birleşik Giriş Kutusu

Kişisel Bilgiler

İsim

Soyisim

Unvan

Takma İsim

Temsil Biçimi

Item 1



E-posta

E-posta Adresi:

Ekle

E-posta Biçimi

☐ HTML

☐ Metin

☐ Gelişmiş

Radyo Düğmesi