

---

**Listing 3.2**

---

```
package com.mydomain.helloworld;

import javax.swing.JFrame;
import javax.swing.JLabel;

public class HelloWorld extends JFrame{

    (Comment lines were removed from here.)

    public static void main(String[] args) {
        HelloWorld hello = new HelloWorld();
        hello.add(new JLabel("Hello World"));
        hello.setSize(200,100);
        hello.setVisible(true);

        hello.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }
}
```

---

**Listing 3.3**

---

```
...

public class HelloWorld extends JFrame{
    (Comment lines were removed from here)
    private static final long serialVersionUID = -1480071580639158577L;

    ...
}
```

---

**Listing 3.4**

---

```
package com.mydomain.helloworld;

import javax.swing.JFrame;
import javax.swing.JLabel;

public class HelloWorld extends JFrame{
    private static final long serialVersionUID = -1480071580639158577L;

    public static void main(String[] args) {
        String name = "World";
        HelloWorld hello = new HelloWorld();
        if (args.length>0)
            name = args[0];
        hello.add(new JLabel("Hello " + name));
        hello.setSize(200,100);
        hello.setVisible(true);
        hello.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }
}
```

---

**Listing 3.5**

---

```
package com.mydomain.helloworld;

import java.applet.Applet;

import javax.swing.JFrame;
import javax.swing.JLabel;
```

```

public class HelloWorld extends Applet{
    private static final long serialVersionUID = -1480071580639158577L;

    public static void main(String[] args) {
        String name = null;
        HelloWorld hello = new HelloWorld();
        if (args.length>0)
            name = args[0];
        hello.display(name);
        JFrame frame = new JFrame();
        frame.add(hello);
        frame.setSize(200,100);
        frame.setVisible(true);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

    public void init() {
        display(getParameter("Who"));
    }

    private void display(String name) {
        if (name==null)
            name="World";
        add(new JLabel("Hello " + name));
    }
}

```

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Listing 3.6

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**Annette**

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Listing 3.7

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...

```

public static void main(String[] args) {
    String name = "World";
    BufferedReader in = null;
    try{
        String dataFile = "settings.hwd";
        if (args.length>0) {
            dataFile = args[0];
        }
        in = new BufferedReader(new FileReader(new File(dataFile)));
        name = in.readLine();
        in.close();
    } catch (Exception e) {};
    HelloWorld hello = new HelloWorld();

    (remove lines of code from here)

    hello.display(name);

    ...
}

```

---

Listing 3.8

---

...

```

public void init() {

```

```
String name = "World";
String dataFile = "settings.hwd";
String file = getParameter("File");
if (file!=null) {
    dataFile = file;
}
try{
    URL url=new URL (getCodeBase(), dataFile);
    BufferedReader in = new BufferedReader(
        new InputStreamReader(url.openStream()));
    name = in.readLine();
    in.close();
}
catch (Exception e) {};
display(name);
}

...
```

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