# Steps to develop your Java Applet

1. **Create Java code and save as HelloWorld.java**

import java.applet.Applet;

import java.awt.Graphics;

import java.awt.\*;

public class HelloWorld extends Applet {

public void paint(Graphics g) {

setBackground(Color.red);

g.drawString("Hello world!", 100, 105);

}

}

**2. Compile**

> javac HelloWorld.java

**3.** **Create HTML code and save as HelloWorld.html**

<HTML>

<HEAD>

<TITLE> A Simple Program </TITLE>

</HEAD>

<BODY>

Here is the output of my program:

<APPLET CODE="HelloWorld.class" WIDTH="200" HEIGHT="200">

</APPLET>

</BODY>

</HTML>

**4.** **Run applet with**

**Option A: Using AppletViewer**

> appletviewer HelloWorld.html

**Option B: Opening in a web browser**

Setup permissions as:

1. Go to windows **Control Pane**
2. Select **Java**
3. Click on **Security** tab > Click **Edit Site List…** > **Add**
4. Type in **file:///C:/abc/def.html** (where C:/abc/def.html is your path to the html file)
5. Open the .html file in a web browser

**Option C: NetBeans**

1. File > New Project
2. Categories: *Java* Projects: *Java Class Library* > Next
3. Project Name: *<name of project>* Project Location *<path>* > Finish
4. Project Window: Right click on project node > New > Applet
5. Class Name: *<name of applet>* > Finish
6. Write your code
7. Project window: Right click on *<name of applet>*.java node > Run File

*<name of applet>*.java node > Run File

* .html file is in /build/ folder

Project node > Clean and Build

* .jar file is in /dist/ folder

Reference: https://netbeans.org/kb/docs/web/applets.html#embed