**OUTPUTS**

**HW extra credit 1 “Convert java system properties to XML file”**

**Prop2Xml.java**

**Student CS 211E Irina Golovko**

irinas-MBP:Desktop irinagolovko$ java Prop2Xml

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<Java\_System\_Properties>

<property name="java\_runtime\_name">Java(TM) SE Runtime Environment</property>

<property name="sun\_boot\_library\_path">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib</property>

<property name="java\_vm\_version">25.73-b02</property>

<property name="gopherProxySet">false</property>

<property name="java\_vm\_vendor">Oracle Corporation</property>

<property name="java\_vendor\_url">http://java.oracle.com/</property>

<property name="path\_separator">:</property>

<property name="java\_vm\_name">Java HotSpot(TM) 64-Bit Server VM</property>

<property name="file\_encoding\_pkg">sun.io</property>

<property name="user\_country">US</property>

<property name="sun\_java\_launcher">SUN\_STANDARD</property>

<property name="sun\_os\_patch\_level">unknown</property>

<property name="java\_vm\_specification\_name">Java Virtual Machine Specification</property>

<property name="user\_dir">/Users/irinagolovko/Desktop</property>

<property name="java\_runtime\_version">1.8.0\_73-b02</property>

<property name="java\_awt\_graphicsenv">sun.awt.CGraphicsEnvironment</property>

<property name="java\_endorsed\_dirs">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/endorsed</property>

<property name="os\_arch">x86\_64</property>

<property name="java\_io\_tmpdir">/var/folders/2z/25505p2s1mx2s16bbxwhrmw80000gn/T/</property>

<property name="line\_separator">

</property>

<property name="java\_vm\_specification\_vendor">Oracle Corporation</property>

<property name="os\_name">Mac OS X</property>

<property name="sun\_jnu\_encoding">UTF-8</property>

<property name="java\_library\_path">/Users/irinagolovko/Library/Java/Extensions:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java:.</property>

<property name="java\_specification\_name">Java Platform API Specification</property>

<property name="java\_class\_version">52.0</property>

<property name="sun\_management\_compiler">HotSpot 64-Bit Tiered Compilers</property>

<property name="os\_version">10.12.2</property>

<property name="http\_nonProxyHosts">local|\*.local|169.254/16|\*.169.254/16</property>

<property name="user\_home">/Users/irinagolovko</property>

<property name="user\_timezone"/>

<property name="java\_awt\_printerjob">sun.lwawt.macosx.CPrinterJob</property>

<property name="file\_encoding">UTF-8</property>

<property name="java\_specification\_version">1.8</property>

<property name="java\_class\_path">.</property>

<property name="user\_name">irinagolovko</property>

<property name="java\_vm\_specification\_version">1.8</property>

<property name="sun\_java\_command">Prop2Xml</property>

<property name="java\_home">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre</property>

<property name="sun\_arch\_data\_model">64</property>

<property name="user\_language">en</property>

<property name="java\_specification\_vendor">Oracle Corporation</property>

<property name="awt\_toolkit">sun.lwawt.macosx.LWCToolkit</property>

<property name="java\_vm\_info">mixed mode</property>

<property name="java\_version">1.8.0\_73</property>

<property name="java\_ext\_dirs">/Users/irinagolovko/Library/Java/Extensions:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/ext:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java</property>

<property name="sun\_boot\_class\_path">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/resources.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/rt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/sunrsasign.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jsse.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jce.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/charsets.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jfr.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/classes</property>

<property name="java\_vendor">Oracle Corporation</property>

<property name="file\_separator">/</property>

<property name="java\_vendor\_url\_bug">http://bugreport.sun.com/bugreport/</property>

<property name="sun\_io\_unicode\_encoding">UnicodeBig</property>

<property name="sun\_cpu\_endian">little</property>

<property name="socksNonProxyHosts">local|\*.local|169.254/16|\*.169.254/16</property>

<property name="ftp\_nonProxyHosts">local|\*.local|169.254/16|\*.169.254/16</property>

<property name="sun\_cpu\_isalist"/>

</Java\_System\_Properties>

irinas-MBP:Desktop irinagolovko$ ls -la prop.xml

-rw-r--r-- 1 irinagolovko staff 4820 May 12 18:24 prop.xml

irinas-MBP:Desktop irinagolovko$

**OUTPUTS**

**HW extra credit 1 “Parse created XML file prop.xml”**

**ReadXML.java**

**Student CS 211E Irina Golovko**

irinas-MBP:Desktop irinagolovko$ java ReadXML

Root element: Java\_System\_Properties

--------------------------

Current Element: property

property name: java\_runtime\_name

Value: Java(TM) SE Runtime Environment

--------------------------

Current Element: property

property name: sun\_boot\_library\_path

Value: /Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib

--------------------------

Current Element: property

property name: java\_vm\_version

Value: 25.73-b02

--------------------------

Current Element: property

property name: gopherProxySet

Value: false

--------------------------

Current Element: property

property name: java\_vm\_vendor

Value: Oracle Corporation

--------------------------

Current Element: property

property name: java\_vendor\_url

Value: http://java.oracle.com/

--------------------------

Current Element: property

property name: path\_separator

Value: :

--------------------------

Current Element: property

property name: java\_vm\_name

Value: Java HotSpot(TM) 64-Bit Server VM

--------------------------

Current Element: property

property name: file\_encoding\_pkg

Value: sun.io

--------------------------

Current Element: property

property name: user\_country

Value: US

--------------------------

Current Element: property

property name: sun\_java\_launcher

Value: SUN\_STANDARD

--------------------------

Current Element: property

property name: sun\_os\_patch\_level

Value: unknown

--------------------------

Current Element: property

property name: java\_vm\_specification\_name

Value: Java Virtual Machine Specification

--------------------------

Current Element: property

property name: user\_dir

Value: /Users/irinagolovko/Desktop

--------------------------

Current Element: property

property name: java\_runtime\_version

Value: 1.8.0\_73-b02

--------------------------

Current Element: property

property name: java\_awt\_graphicsenv

Value: sun.awt.CGraphicsEnvironment

--------------------------

Current Element: property

property name: java\_endorsed\_dirs

Value: /Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/endorsed

--------------------------

Current Element: property

property name: os\_arch

Value: x86\_64

--------------------------

Current Element: property

property name: java\_io\_tmpdir

Value: /var/folders/2z/25505p2s1mx2s16bbxwhrmw80000gn/T/

--------------------------

Current Element: property

property name: line\_separator

Value:

--------------------------

Current Element: property

property name: java\_vm\_specification\_vendor

Value: Oracle Corporation

--------------------------

Current Element: property

property name: os\_name

Value: Mac OS X

--------------------------

Current Element: property

property name: sun\_jnu\_encoding

Value: UTF-8

--------------------------

Current Element: property

property name: java\_library\_path

Value: /Users/irinagolovko/Library/Java/Extensions:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java:.

--------------------------

Current Element: property

property name: java\_specification\_name

Value: Java Platform API Specification

--------------------------

Current Element: property

property name: java\_class\_version

Value: 52.0

--------------------------

Current Element: property

property name: sun\_management\_compiler

Value: HotSpot 64-Bit Tiered Compilers

--------------------------

Current Element: property

property name: os\_version

Value: 10.12.2

--------------------------

Current Element: property

property name: http\_nonProxyHosts

Value: local|\*.local|169.254/16|\*.169.254/16

--------------------------

Current Element: property

property name: user\_home

Value: /Users/irinagolovko

--------------------------

Current Element: property

property name: user\_timezone

Value:

--------------------------

Current Element: property

property name: java\_awt\_printerjob

Value: sun.lwawt.macosx.CPrinterJob

--------------------------

Current Element: property

property name: file\_encoding

Value: UTF-8

--------------------------

Current Element: property

property name: java\_specification\_version

Value: 1.8

--------------------------

Current Element: property

property name: java\_class\_path

Value: .

--------------------------

Current Element: property

property name: user\_name

Value: irinagolovko

--------------------------

Current Element: property

property name: java\_vm\_specification\_version

Value: 1.8

--------------------------

Current Element: property

property name: sun\_java\_command

Value: Prop2Xml

--------------------------

Current Element: property

property name: java\_home

Value: /Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre

--------------------------

Current Element: property

property name: sun\_arch\_data\_model

Value: 64

--------------------------

Current Element: property

property name: user\_language

Value: en

--------------------------

Current Element: property

property name: java\_specification\_vendor

Value: Oracle Corporation

--------------------------

Current Element: property

property name: awt\_toolkit

Value: sun.lwawt.macosx.LWCToolkit

--------------------------

Current Element: property

property name: java\_vm\_info

Value: mixed mode

--------------------------

Current Element: property

property name: java\_version

Value: 1.8.0\_73

--------------------------

Current Element: property

property name: java\_ext\_dirs

Value: /Users/irinagolovko/Library/Java/Extensions:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/ext:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java

--------------------------

Current Element: property

property name: sun\_boot\_class\_path

Value: /Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/resources.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/rt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/sunrsasign.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jsse.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jce.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/charsets.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jfr.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/classes

--------------------------

Current Element: property

property name: java\_vendor

Value: Oracle Corporation

--------------------------

Current Element: property

property name: file\_separator

Value: /

--------------------------

Current Element: property

property name: java\_vendor\_url\_bug

Value: http://bugreport.sun.com/bugreport/

--------------------------

Current Element: property

property name: sun\_io\_unicode\_encoding

Value: UnicodeBig

--------------------------

Current Element: property

property name: sun\_cpu\_endian

Value: little

--------------------------

Current Element: property

property name: socksNonProxyHosts

Value: local|\*.local|169.254/16|\*.169.254/16

--------------------------

Current Element: property

property name: ftp\_nonProxyHosts

Value: local|\*.local|169.254/16|\*.169.254/16

--------------------------

Current Element: property

property name: sun\_cpu\_isalist

Value:

--------------------------

irinas-MBP:Desktop irinagolovko$

**OUTPUTS**

**HW extra credit 1 “Convert java system properties to XML file”**

**Prop2Xml2.java**

**Student CS 211E Irina Golovko**

irinas-MBP:Desktop irinagolovko$ java Prop2Xml2

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<Java\_System\_Properties>

<properties>

<property1 name="java\_runtime\_name">Java(TM) SE Runtime Environment</property1>

<property2 name="sun\_boot\_library\_path">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib</property2>

<property3 name="java\_vm\_version">25.73-b02</property3>

<property4 name="gopherProxySet">false</property4>

<property5 name="java\_vm\_vendor">Oracle Corporation</property5>

<property6 name="java\_vendor\_url">http://java.oracle.com/</property6>

<property7 name="path\_separator">:</property7>

<property8 name="java\_vm\_name">Java HotSpot(TM) 64-Bit Server VM</property8>

<property9 name="file\_encoding\_pkg">sun.io</property9>

<property10 name="user\_country">US</property10>

<property11 name="sun\_java\_launcher">SUN\_STANDARD</property11>

<property12 name="sun\_os\_patch\_level">unknown</property12>

<property13 name="java\_vm\_specification\_name">Java Virtual Machine Specification</property13>

<property14 name="user\_dir">/Users/irinagolovko/Desktop</property14>

<property15 name="java\_runtime\_version">1.8.0\_73-b02</property15>

<property16 name="java\_awt\_graphicsenv">sun.awt.CGraphicsEnvironment</property16>

<property17 name="java\_endorsed\_dirs">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/endorsed</property17>

<property18 name="os\_arch">x86\_64</property18>

<property19 name="java\_io\_tmpdir">/var/folders/2z/25505p2s1mx2s16bbxwhrmw80000gn/T/</property19>

<property20 name="line\_separator">

</property20>

<property21 name="java\_vm\_specification\_vendor">Oracle Corporation</property21>

<property22 name="os\_name">Mac OS X</property22>

<property23 name="sun\_jnu\_encoding">UTF-8</property23>

<property24 name="java\_library\_path">/Users/irinagolovko/Library/Java/Extensions:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java:.</property24>

<property25 name="java\_specification\_name">Java Platform API Specification</property25>

<property26 name="java\_class\_version">52.0</property26>

<property27 name="sun\_management\_compiler">HotSpot 64-Bit Tiered Compilers</property27>

<property28 name="os\_version">10.12.2</property28>

<property29 name="http\_nonProxyHosts">local|\*.local|169.254/16|\*.169.254/16</property29>

<property30 name="user\_home">/Users/irinagolovko</property30>

<property31 name="user\_timezone"/>

<property32 name="java\_awt\_printerjob">sun.lwawt.macosx.CPrinterJob</property32>

<property33 name="file\_encoding">UTF-8</property33>

<property34 name="java\_specification\_version">1.8</property34>

<property35 name="java\_class\_path">.</property35>

<property36 name="user\_name">irinagolovko</property36>

<property37 name="java\_vm\_specification\_version">1.8</property37>

<property38 name="sun\_java\_command">Prop2Xml2</property38>

<property39 name="java\_home">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre</property39>

<property40 name="sun\_arch\_data\_model">64</property40>

<property41 name="user\_language">en</property41>

<property42 name="java\_specification\_vendor">Oracle Corporation</property42>

<property43 name="awt\_toolkit">sun.lwawt.macosx.LWCToolkit</property43>

<property44 name="java\_vm\_info">mixed mode</property44>

<property45 name="java\_version">1.8.0\_73</property45>

<property46 name="java\_ext\_dirs">/Users/irinagolovko/Library/Java/Extensions:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/ext:/Library/Java/Extensions:/Network/Library/Java/Extensions:/System/Library/Java/Extensions:/usr/lib/java</property46>

<property47 name="sun\_boot\_class\_path">/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/resources.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/rt.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/sunrsasign.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jsse.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jce.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/charsets.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib/jfr.jar:/Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/classes</property47>

<property48 name="java\_vendor">Oracle Corporation</property48>

<property49 name="file\_separator">/</property49>

<property50 name="java\_vendor\_url\_bug">http://bugreport.sun.com/bugreport/</property50>

<property51 name="sun\_io\_unicode\_encoding">UnicodeBig</property51>

<property52 name="sun\_cpu\_endian">little</property52>

<property53 name="socksNonProxyHosts">local|\*.local|169.254/16|\*.169.254/16</property53>

<property54 name="ftp\_nonProxyHosts">local|\*.local|169.254/16|\*.169.254/16</property54>

<property55 name="sun\_cpu\_isalist"/>

</properties>

</Java\_System\_Properties>

irinas-MBP:Desktop irinagolovko$ ls -la prop2.xml

-rw-r--r-- 1 irinagolovko staff 5274 May 12 22:39 prop2.xml

irinas-MBP:Desktop irinagolovko$