**OUTPUTS**

**of SysProps.java file,**

**created by student class CS 211S Irina Golovko;**

**option ‘h’**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -h

You should to put in the command line any of the next valid options:

n - let you know how many properties your OS has

l - will produce list of all properties belonging to your OS

h - help: will explain how to use this program

p with argument - will produce list of all properties

belonging to the argument.

If you put invalid options, you will see

error message, the program will terminate

and you should to start again.

**option ‘n’**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -n

For option 'n' number of all properties belonging to your OS:

Your OS has 55 properties

**option ‘l’**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -l

For option 'l' list all properties of your OS:

java.runtime.name: Java(TM) SE Runtime Environment

sun.boot.library.path: /Library/Java/JavaVirtualMachines/jdk1.8.0\_73.jdk/Contents/Home/jre/lib

java.vm.version: 25.73-b02

gopherProxySet: false

java.vm.vendor: Oracle Corporation

java.vendor.url: http://java.oracle.com/

path.separator: :

java.vm.name: Java HotSpot(TM) 64-Bit Server VM

file.encoding.pkg: sun.io

user.country: US

sun.java.launcher: SUN\_STANDARD

sun.os.patch.level: unknown

java.vm.specification.name: Java Virtual Machine Specification

user.dir: /Users/irinagolovko/Desktop

java.runtime.version: 1.8.0\_73-b02

java.awt.graphicsenv: sun.awt.CGraphicsEnvironment

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

os.arch: x86\_64

java.io.tmpdir: /var/folders/2z/25505p2s1mx2s16bbxwhrmw80000gn/T/

line.separator:

java.vm.specification.vendor: Oracle Corporation

os.name: Mac OS X

sun.jnu.encoding: UTF-8

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

java.specification.name: Java Platform API Specification

java.class.version: 52.0

sun.management.compiler: HotSpot 64-Bit Tiered Compilers

os.version: 10.12.2

http.nonProxyHosts: local|\*.local|169.254/16|\*.169.254/16

user.home: /Users/irinagolovko

user.timezone:

java.awt.printerjob: sun.lwawt.macosx.CPrinterJob

file.encoding: UTF-8

java.specification.version: 1.8

java.class.path: .

user.name: irinagolovko

java.vm.specification.version: 1.8

sun.java.command: SysProps -l

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

sun.arch.data.model: 64

user.language: en

java.specification.vendor: Oracle Corporation

awt.toolkit: sun.lwawt.macosx.LWCToolkit

java.vm.info: mixed mode

java.version: 1.8.0\_73

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

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

java.vendor: Oracle Corporation

file.separator: /

java.vendor.url.bug: http://bugreport.sun.com/bugreport/

sun.io.unicode.encoding: UnicodeBig

sun.cpu.endian: little

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

ftp.nonProxyHosts: local|\*.local|169.254/16|\*.169.254/16

sun.cpu.isalist:

**option ‘p’ without argument**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -p

You need an argument for an option 'p'

**option ‘p’ with argument**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -p ‘os’

For option 'p' with argument 'os' list of all properties of argument:

os.arch: x86\_64

os.name: Mac OS X

os.version: 10.12.2

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -p ‘home’

For option 'p' with argument 'home' list of all properties of argument:

Your argument 'home' doesn't have any property.

**invalid option**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -k

Invalid option:k

Invalid option: k

You should to put any of the next options:

n - how many properties your OS has

l - to list properties belonging to your OS

h - help: explain how to use this program

p with argument - to list all properties belonging to the argument

irinas-MacBook-Pro:Desktop irinagolovko$

**without options**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps

You didn't put any options in the command line.

You should to put any of the next options:

n - how many properties your OS has

l - to list properties belonging to your OS

h - help: explain how to use this program

p with argument - to list all properties belonging to the argument

irinas-MacBook-Pro:Desktop irinagolovko$

**options ‘n’ and ‘p’**

irinas-MacBook-Pro:Desktop irinagolovko$ java SysProps -n -p 'user'

For option 'n' number of all properties belonging to your OS:

Your OS has 55 properties

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For option 'p' with argument 'user' list of all properties of argument:

user.country: US

user.dir: /Users/irinagolovko/Desktop

user.home: /Users/irinagolovko

user.timezone:

user.name: irinagolovko

user.language: en

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irinas-MacBook-Pro:Desktop irinagolovko$