```
shravani@shravani-HP-Laptop-15s-eq2xxx:~$ jshell
|  Welcome to JShell -- Version 11.0.21
|  For an introduction type: /help intro

jshell> Integer=20
|  Error:
|  cannot find symbol
|    symbol:   variable Integer
|  Integer=20
|  ^-----^

jshell> Integer h=20
h ==> 20

jshell> Integer s=6
s ==> 6

jshell> h.
byteValue()        compareTo(        doubleValue()    equals(           floatValue()
getClass()         hashCode()        intValue()       longValue()       notify()
notifyAll()        shortValue()      toString()       wait(
jshell> h.byteValue()
$3 ==> 20

jshell> h.compareTO(s)
|  Error:
|  cannot find symbol
|    symbol:   method compareTO(java.lang.Integer)
|  h.compareTO(s)
|  ^--------^

jshell> h.compareTo(s)
$4 ==> 1

jshell> s.compareTo(h)
$5 ==> -1

jshell> h.doubleValue()
$6 ==> 20.0

jshell> h.equals(s)
$7 ==> false

jshell> h.hashcode()
|  Error:
|  cannot find symbol
|    symbol:   method hashcode()
|  h.hashcode()
|  ^--------^

jshell> h.floatValue()
$8 ==> 20.0

jshell> h.getClass()
$9 ==> class java.lang.Integer
```

```
jshell> h.hashcode()
|  Error:
|  cannot find symbol
|    symbol:   method hashcode()
|  h.hashcode()
|  ^--------^

jshell> h.floatValue()
$8 ==> 20.0

jshell> h.getClass()
$9 ==> class java.lang.Integer

jshell> h.hashCode()
$10 ==> 20

jshell> h.intvalue()
|  Error:
|  cannot find symbol
|    symbol:   method intvalue()
|  h.intvalue()
|  ^--------^

jshell> h.intValue()
$11 ==> 20

jshell> h.longValue()
$12 ==> 20

jshell> h.notify()
|  Exception java.lang.IllegalMonitorStateException
|        at Object.notify (Native Method)
|        at (#13:1)

jshell> h.notify
notify()        notifyAll()
jshell> h.notifyAll()
|  Exception java.lang.IllegalMonitorStateException
|        at Object.notifyAll (Native Method)
|        at (#14:1)

jshell> h.shortValue()
$15 ==> 20

jshell> h.toString()
$16 ==> "20"

jshell> h.wait()
|  Exception java.lang.IllegalMonitorStateException
|        at Object.wait (Native Method)
|        at Object.wait (Object.java:328)
|        at (#17:1)

jshell>
```

```
shravani@shravani-HP-Laptop-15s-eq2xxx:~$ jshell
|  Welcome to JShell -- Version 11.0.21
|  For an introduction type: /help intro

jshell> System.
Logger                LoggerFinder          arraycopy(            class                 clearProperty(        console()             currentTimeMillis()   err
exit(                 gc()                  getLogger(            getProperties()       getProperty(          getSecurityManager()  getenv(               identityHashCode(
in                    inheritedChannel()    lineSeparator()       load(                 loadLibrary(          mapLibraryName(       nanoTime()            out
runFinalization()     setErr(               setIn(                setOut(               setProperties(        setProperty(          setSecurityManager(
jshell> System.currentTimeMillis()
$1 ==> 1707750082269

jshell> System.e
err      exit(
jshell> System.err
$2 ==> java.io.PrintStream@69d0a921

jshell> System.L
Logger          LoggerFinder
jshell> System.Logger
|  Error:
|  cannot find symbol
|    symbol:   variable Logger
|  System.Logger
|  ^----------^

jshell> System.L
Logger          LoggerFinder
jshell> System.Logger
Logger          LoggerFinder

Signatures:
java.lang.System.Logger

<press tab again to see documentation>
jshell> System.Logger
java.lang.System.Logger
<no documentation found>
jshell> System.Logger
|  Error:
|  cannot find symbol
|    symbol:   variable Logger
|  System.Logger
|  ^----------^

jshell> System.LoggerFinder
|  Error:
|  cannot find symbol
|    symbol:   variable LoggerFinder
|  System.LoggerFinder
|  ^----------------^

jshell> System.arraycopy(
$1   $2

Signatures:
```

```
java.lang.System.Logger

<press tab again to see documentation>
jshell> System.Logger
java.lang.System.Logger
<no documentation found>
jshell> System.Logger
|  Error:
|  cannot find symbol
|    symbol:   variable Logger
|  System.Logger
|  ^----------^

jshell> System.LoggerFinder
|  Error:
|  cannot find symbol
|    symbol:   variable LoggerFinder
|  System.LoggerFinder
|  ^----------------^

jshell> System.arraycopy(
$1    $2

Signatures:
void System.arraycopy(Object, int, Object, int, int)

<press tab again to see documentation>
jshell> System.arraycopy(int)
|  Error:
|  '.class' expected
|  System.arraycopy(int)
|                      ^

jshell> System.gc()

jshell>

jshell> System.getLogger()
|  Error:
|  no suitable method found for getLogger(no arguments)
|      method java.lang.System.getLogger(java.lang.String) is not applicable
|        (actual and formal argument lists differ in length)
|      method java.lang.System.getLogger(java.lang.String,java.util.ResourceBundle) is not applicable
|        (actual and formal argument lists differ in length)
|  System.getLogger()
|  ^------------^

jshell> System.properties()
|  Error:
|  cannot find symbol
|    symbol:   method properties()
|  System.properties()
|  ^--------------^

jshell> System.getProperties()
$4 ==> {sun.desktop=gnome, awt.toolkit=sun.awt.X11.XToolkit, java.specification.version=11, sun.cpu.isalist=, sun.jnu.encoding=UTF-8, java.class.path=., java.vm.vendor=Ubuntu, sun.ar
```

```
jshell> System.getProperties()
$4 ==> {sun.desktop=gnome, awt.toolkit=sun.awt.X11.XToolkit, java.specification.version=11, sun.cpu.isalist=, sun.jnu.encoding=UTF-8, java.class.path=., java.vm.vendor=Ubuntu, sun.arch.data.model=64, java
.vendor.url=https://ubuntu.com/, user.timezone=, os.name=Linux, java.vm.specification.version=11, sun.java.launcher=SUN_STANDARD, user.country=IN, sun.boot.library.path=/usr/lib/jvm/java-11-openjdk-amd64/
lib, sun.java.command=jdk.jshell.execution.RemoteExecutionControl 39797, jdk.debug=release, sun.cpu.endian=little, user.home=/home/shravani, user.language=en, java.specification.vendor=Oracle Corporation,
 java.version.date=2023-10-17, java.home=/usr/lib/jvm/jav ... a/packages/lib:/usr/lib/x86_64-linux-gnu/jni:/lib/x86_64-linux-gnu:/usr/lib/x86_64-linux-gnu:/usr/lib/jni:/lib:/usr/lib, java.vm.info=mixed mo
de, sharing, java.vendor=Ubuntu, java.vm.version=11.0.21+9-post-Ubuntu-0ubuntu122.04, java.specification.maintenance.version=2, sun.io.unicode.encoding=UnicodeLittle, java.class.version=55.0}

jshell> System.getProperty()
|  Error:
|  no suitable method found for getProperty(no arguments)
|      method java.lang.System.getProperty(java.lang.String) is not applicable
|        (actual and formal argument lists differ in length)
|      method java.lang.System.getProperty(java.lang.String,java.lang.String) is not applicable
|        (actual and formal argument lists differ in length)
|  System.getProperty()
|  ^---------------^

jshell> System.out
$5 ==> java.io.PrintStream@277050dc

jshell> System.nanoTime()
$6 ==> 3125492872429

jshell> System.in
in                     inheritedChannel()

Signatures:
System.in:java.io.InputStream

<press tab again to see documentation>
jshell> System.in()
|  Error:
|  cannot find symbol
|    symbol:   method in()
|  System.in()
|  ^------^

jshell> Syestem.inheritedChannel()
|  Error:
|  cannot find symbol
|    symbol:   variable Syestem
|  Syestem.inheritedChannel()
|  ^-----^

jshell> System.setIn()
|  Error:
|  method setIn in class java.lang.System cannot be applied to given types;
|    required: java.io.InputStream
|    found: no arguments
|    reason: actual and formal argument lists differ in length
|  System.setIn()
|  ^---------^

jshell> System.setErr()
|  Error:
|  method setErr in class java.lang.System cannot be applied to given types;
```

```
|        method java.lang.System.getProperty(java.lang.String) is not applica
|            (actual and formal argument lists differ in length)
|        method java.lang.System.getProperty(java.lang.String,java.lang.String) is not applicable
|            (actual and formal argument lists differ in length)
|  System.getProperty()
|  ^---------------^

jshell> System.out
$5 ==> java.io.PrintStream@277050dc

jshell> System.nanoTime()
$6 ==> 3125492872429

jshell> System.in
in                    inheritedChannel()

Signatures:
System.in:java.io.InputStream

<press tab again to see documentation>
jshell> System.in()
|  Error:
|  cannot find symbol
|    symbol:   method in()
|  System.in()
|  ^------^

jshell> Syestem.inheritedChannel()
|  Error:
|  cannot find symbol
|    symbol:   variable Syestem
|  Syestem.inheritedChannel()
|  ^-----^

jshell> System.setIn()
|  Error:
|  method setIn in class java.lang.System cannot be applied to given types;
|    required: java.io.InputStream
|    found: no arguments
|    reason: actual and formal argument lists differ in length
|  System.setIn()
|  ^---------^

jshell> System.setErr()
|  Error:
|  method setErr in class java.lang.System cannot be applied to given types;
|    required: java.io.PrintStream
|    found: no arguments
|    reason: actual and formal argument lists differ in length
|  System.setErr()
|  ^----------^

jshell> System.runFinalization()

jshell>
```