nmit@NMIT:~$ sudo sbt [sudo] password for nmit: [info] welcome to sbt 1.10.7 (Ubuntu Java 11.0.25) [info] loading project definition from /home/nmit/project [info] set current project to nmit (in build file:/home/nmit/) [info] sbt server started at local:///root/.sbt/1.0/server/99cef3e6b53637e8c325/sock [info] started sbt server sbt:nmit> console https://repo1.maven.org/maven2/org/scala-sbt/compiler-bridge_2.12/1.10.7/compiler-bridge_2.12-1.10.7-sources.jar 100.0% [##########] 56.8 KiB (49.1 KiB / s) [info] Non-compiled module 'compiler-bridge_2.12' for Scala 2.12.20. Compiling... [info] Compilation completed in 3.786s. [info] Starting scala interpreter... Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). Type in expressions for evaluation. Or try :help.

scala> var x = 5 x: Int = 5

scala> var z :Int =_ z: Int = 0

scala> if(x>2) z = -1 else z =1

scala> val zz = if(x>10) -1 else 1 zz: Int = 1

scala> val zzz = if(x>2) z = 1 else -1 zzz: AnyVal = ()

scala> var x = 20 x: Int = 20

scala> var y = 40 y: Int = 40

scala> var x1 = 50 x1: Int = 50

scala> var y1=100 y1: Int = 100

scala> val distance = { val dx = x1 - x; | val dy = y1 - y; | sqrt(dx*dx + dy *dy) } :17: error: not found: value sqrt sqrt(dx*dx + dy *dy) } ^

scala> [warn] Canceling execution...

Cancelled: console [error] Cancelled: console [error] Use 'last' for the full log. sbt:nmit> import math.sqrt [error] Expected ID character [error] Not a valid command: import (similar: export) [error] Expected project ID [error] Expected configuration [error] Expected ':' [error] Expected key [error] Not a valid key: import (similar: timingFormat) [error] import math.sqrt [error] ^ sbt:nmit> console [info] Starting scala interpreter... Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). Type in expressions for evaluation. Or try :help.

```
scala> import math.sqrt import math.sqrt

scala> var x = 20 x: Int = 20

scala> var y = 40 y: Int = 40

scala> var x1 = 50 x1: Int = 50

scala> var y1=100 y1: Int = 100

scala> val distance = { val dx = x1 - x; | val dy = y1 - y; | sqrt(dx*dx + dy *dy) } distance:
Double = 67.08203932499369

scala> val name = readline("Your name:") :12: error: not found: value readline val name =
readline("Your name:") ^

scala> val name = readline("amith:") :12: error: not found: value readline val name =
readline("amith:") ^

scala> val age = readint() :12: error: not found: value readint val age = readint() ^

scala> val name = readline("Your name:") :12: error: not found: value readline val name =
readline("Your name:") ^

scala> print("Your age:") Your age: scala> val age = readint() :12: error: not found: value
readint val age = readint() ^

scala> for(i<- 1 to 4)println(i) 1 2 3 4

scala> def fact(n: Int)= { | val r =1 | for ( i <- 1 to n) r = r * 1 | r | } :14: error: reassignment to val
for ( i <- 1 to n) r = r * 1 ^

scala> facr(3) :13: error: not found: value facr facr(3) ^

scala> fact(3) :13: error: not found: value fact fact(3) ^

scala> def facr(n: Int)={ | val r=1 | for (i<-1 to n) r=ri | r | } :14: error: reassignment to val for
(i<-1 to n) r=ri ^

scala> def recFact(n: Int) Int=if(n<=0) 1 else nrecFact(n-1) :1: error: '=' expected but
identifier found. def recFact(n: Int) Int=if(n<=0) 1 else nrecFact(n-1) ^
```

```
scala> def recFact(n: Int) Int=if(n<=0) 1 else n * recFact(n-1) :1: error: '=' expected but
identifier found. def recFact(n: Int) Int=if(n<=0) 1 else n * recFact(n-1) ^

scala> def recFact(n: Int):Int = if(n <= 0) 1 else n * recFact(n-1) recFact: (n: Int)Int

scala> recFact(5) scala> def recFact(n:Int): Int = if(n <= 0) 1 else n * recFact(n-1) recFact:
(n: Int)Int

scala> Array(4,6,3),map(recFact) :1: error: ';' expected but ',' found.
Array(4,6,3),map(recFact) ^

scala> def triple(x : Double)= 3 * x triple: (x: Double)Double

scala> Array(2.1,3.7,5.5) .map(triple) res5: Array[Double] = Array(6.300000000000001,
11.100000000000001, 16.5)

scala> Array(2.1,3.7,5.5) .map(x: Double)=>2 *x) :1: error: ';' expected but '=>' found.
Array(2.1,3.7,5.5) .map(x: Double)=>2 *x) ^

scala> Array(2.1,3.7,5.5) .map((x: Double)=>2 *x) res6: Array[Double] = Array(4.2, 7.4, 11.0)

scala> Array(2,3,5).map( | (x : Int) => { | var z = 2 * x | z +1 | } | } :6: error: ')' expected but '}'
found. } ^

scala> ) :1: error: illegal start of definition ) ^

scala> Array(2,3,5).map( | (x : Int) => { | var z = 2 * x | } | ) res7: Array[Unit] = Array((), (), ())

scala> nmit@NMIT:$ sudo sbt :1: error: ';' expected but '@' found. nmit@NMIT:$ sudo sbt ^

scala> [sudo] password for nmit: :1: error: illegal start of definition [sudo] password for
nmit: ^

scala> [info] welcome to sbt 1.10.7 (Ubuntu Java 11.0.25) :1: error: illegal start of definition
[info] welcome to sbt 1.10.7 (Ubuntu Java 11.0.25) ^

scala> [info] loading project definition from /home/nmit/project :1: error: illegal start of
definition [info] loading project definition from /home/nmit/project ^

scala> [info] set current project to nmit (in build file:/home/nmit/) :1: error: illegal start of
definition [info] set current project to nmit (in build file:/home/nmit/) ^
```

scala> [info] sbt server started at local:///root/.sbt/1.0/server/99cef3e6b53637e8c325/sock :1: error: illegal start of definition [info] sbt server started at local:///root/.sbt/1.0/server/99cef3e6b53637e8c325/sock ^

scala> [info] started sbt server :1: error: illegal start of definition [info] started sbt server ^

scala> sbt:nmit> console :13: error: not found: type > sbt:nmit> console ^ :13: error: not found: value sbt sbt:nmit> console ^

scala> https://repo1.maven.org/maven2/org/scala-sbt/compiler-bridge_2.12/1.10.7/compiler-bridge_2.12-1.10.7-sources.jar | 100.0% [##########] 56.8 KiB (49.1 KiB / s) :2: error: identifier expected but double literal found. 100.0% [##########] 56.8 KiB (49.1 KiB / s) ^

scala> [info] Non-compiled module 'compiler-bridge_2.12' for Scala 2.12.20. Compiling... :1: error: illegal start of definition [info] Non-compiled module 'compiler-bridge_2.12' for Scala 2.12.20. Compiling... ^ :1: error: unclosed character literal (or use " not ' for string literal) [info] Non-compiled module 'compiler-bridge_2.12' for Scala 2.12.20. Compiling... ^

scala> [info] Compilation completed in 3.786s. :1: error: illegal start of definition [info] Compilation completed in 3.786s. ^ :1: error: Invalid literal number [info] Compilation completed in 3.786s. ^

scala> [info] Starting scala interpreter... :1: error: illegal start of definition [info] Starting scala interpreter... ^

scala> Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). :1: error: ';' expected but double literal found. Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). ^

scala> Type in expressions for evaluation. Or try :help. :1: error: ';' expected but 'for' found. Type in expressions for evaluation. Or try :help. ^

scala>

scala> scala> var x = 5

// Detected repl transcript. Paste more, or ctrl-D to finish.

```
x: Int = 5

scala> var z :Int =_ z: Int = 0

scala> if(x>2) z = -1 else z =1

scala> val zz = if(x>10) -1 else 1 zz: Int = 1

scala> val zzz = if(x>2) z = 1 else -1 zzz: AnyVal = ()

scala> var x = 20 x: Int = 20

scala> var y = 40 y: Int = 40

scala> var x1 = 50 x1: Int = 50

scala> var y1=100 y1: Int = 100

scala> val distance = { val dx = x1 - x; | val dy = y1 - y; | sqrt(dx*dx + dy dy) } :17: error: not
found: value sqrt sqrt(dxdx + dy *dy) } ^

scala> // Replaying 10 commands from transcript.

scala> var x = 5 x: Int = 5

scala> var z :Int =_ z: Int = 0

scala> if(x>2) z = -1 else z =1

scala> val zz = if(x>10) -1 else 1 zz: Int = 1

scala> val zzz = if(x>2) z = 1 else -1 zzz: AnyVal = ()

scala> var x = 20 x: Int = 20

scala> var y = 40 y: Int = 40

scala> var x1 = 50 x1: Int = 50

scala> var y1=100 y1: Int = 100

scala> val distance = { val dx = x1 - x; val dy = y1 - y; sqrt(dx*dx + dy *dy) } distance: Double
= 67.08203932499369
```

scala> [warn] Canceling execution... :1: error: illegal start of definition [warn] Canceling execution... ^

scala>

scala> Cancelled: console :13: error: not found: type console Cancelled: console ^ :13: error: not found: value Cancelled Cancelled: console ^

scala> [error] Cancelled: console :1: error: illegal start of definition [error] Cancelled: console ^

scala> [error] Use 'last' for the full log. :1: error: illegal start of definition [error] Use 'last' for the full log. ^ :1: error: unclosed character literal (or use " for string literal "last") [error] Use 'last' for the full log. ^

scala> sbt:nmit> import math.sqrt :1: error: identifier expected but 'import' found. sbt:nmit> import math.sqrt ^

scala> [error] Expected ID character :1: error: illegal start of definition [error] Expected ID character ^

scala> [error] Not a valid command: import (similar: export) :1: error: illegal start of definition [error] Not a valid command: import (similar: export) ^

scala> [error] Expected project ID :1: error: illegal start of definition [error] Expected project ID ^

scala> [error] Expected configuration :1: error: illegal start of definition [error] Expected configuration ^

scala> [error] Expected ':' :1: error: illegal start of definition [error] Expected ':' ^

scala> [error] Expected key :1: error: illegal start of definition [error] Expected key ^

scala> [error] Not a valid key: import (similar: timingFormat) :1: error: illegal start of definition [error] Not a valid key: import (similar: timingFormat) ^

scala> [error] import math.sqrt :1: error: illegal start of definition [error] import math.sqrt ^

scala> [error] ^ :1: error: illegal start of definition [error] ^ ^

scala> sbt:nmit> console :13: error: not found: type > sbt:nmit> console ^ :13: error: not found: value sbt sbt:nmit> console ^

scala> [info] Starting scala interpreter… :1: error: illegal start of definition [info] Starting scala interpreter… ^

scala> Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). :1: error: ';' expected but double literal found. Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). ^

scala> Type in expressions for evaluation. Or try :help. :1: error: ';' expected but 'for' found. Type in expressions for evaluation. Or try :help. ^

scala>

scala> scala> import math.sqrt

// Detected repl transcript. Paste more, or ctrl-D to finish.

import math.sqrt

scala> var x = 20 x: Int = 20

scala> var y = 40 y: Int = 40

scala> var x1 = 50 x1: Int = 50

scala> var y1=100 y1: Int = 100

scala> val distance = { val dx = x1 - x; | val dy = y1 - y; | sqrt(dx*dx + dy *dy) } distance: Double = 67.08203932499369

scala> val name = readline("Your name:") :12: error: not found: value readline val name = readline("Your name:") ^

scala> val name = readline("amith:") :12: error: not found: value readline val name = readline("amith:") ^

scala> val age = readint() :12: error: not found: value readint val age = readint() ^

scala> val name = readline("Your name:") :12: error: not found: value readline val name = readline("Your name:") ^

```
scala> print("Your age:") Your age: scala> val age = readint() :12: error: not found: value
readint val age = readint() ^

scala> for(i<- 1 to 4)println(i) 1 2 3 4

scala> def fact(n: Int)={ | val r =1 | for ( i <- 1 to n) r = r * 1 | r |} :14: error: reassignment to val
for ( i <- 1 to n) r = r * 1 ^

scala> facr(3) :13: error: not found: value facr facr(3) ^

scala> fact(3) :13: error: not found: value fact fact(3) ^

scala> def facr(n: Int)={ | val r=1 | for (i<-1 to n) r=r*i | r | } :14: error: reassignment to val for
(i<-1 to n) r=r*i ^

scala> def recFact(n: Int) Int=if(n<=0) 1 else n*recFact(n-1) :1: error: '=' expected but
identifier found. def recFact(n: Int) Int=if(n<=0) 1 else n*recFact(n-1) ^

scala> def recFact(n: Int) Int=if(n<=0) 1 else n * recFact(n-1) :1: error: '=' expected but
identifier found. def recFact(n: Int) Int=if(n<=0) 1 else n * recFact(n-1) ^

scala> def recFact(n: Int):Int = if(n <= 0) 1 else n * recFact(n-1) recFact: (n: Int)Int

scala> recFact(5) res4: Int = 120

scala> // Replaying 21 commands from transcript.

scala> import math.sqrt import math.sqrt

scala> var x = 20 x: Int = 20

scala> var y = 40 y: Int = 40

scala> var x1 = 50 x1: Int = 50

scala> var y1=100 y1: Int = 100

scala> val distance = { val dx = x1 - x; val dy = y1 - y; sqrt(dx*dx + dy *dy) } distance: Double
= 67.08203932499369

scala> val name = readline("Your name:") :13: error: not found: value readline val name =
readline("Your name:") ^
```

```
scala> val name = readline("amith:") :13: error: not found: value readline val name =
readline("amith:") ^

scala> val age = readint() :13: error: not found: value readint val age = readint() ^

scala> val name = readline("Your name:") :13: error: not found: value readline val name =
readline("Your name:") ^

scala> print("Your age:") Your age: scala> val age = readint() :13: error: not found: value
readint val age = readint() ^

scala> for(i<- 1 to 4)println(i) 1 2 3 4

scala> def fact(n: Int)= { val r =1 for ( i <- 1 to n) r = r * 1 r } :15: error: reassignment to val for
( i <- 1 to n) r = r * 1 ^

scala> facr(3) :14: error: not found: value facr facr(3) ^

scala> fact(3) :14: error: not found: value fact fact(3) ^

scala> def facr(n: Int)={ val r=1 for (i<-1 to n) r=r*i r } :15: error: reassignment to val for (i<-1 to
n) r=r*i ^

scala> def recFact(n: Int) Int=if(n<=0) 1 else n*recFact(n-1) :1: error: '=' expected but
identifier found. def recFact(n: Int) Int=if(n<=0) 1 else n*recFact(n-1) ^

scala> def recFact(n: Int) Int=if(n<=0) 1 else n * recFact(n-1) :1: error: '=' expected but
identifier found. def recFact(n: Int) Int=if(n<=0) 1 else n * recFact(n-1) ^

scala> def recFact(n: Int):Int = if(n <= 0) 1 else n * recFact(n-1) recFact: (n: Int)Int

scala> recFact(5) res16: Int = 120

scala> Display all 407 possibilities? (y or n) :15: error: not found: value Display Display all
407 possibilities? (y or n) ^ :15: error: not found: value ? Display all 407 possibilities? (y or
n) ^ :15: error: value or is not a member of Int Display all 407 possibilities? (y or n) ^ :15:
error: not found: value n Display all 407 possibilities? (y or n) ^

scala> #:: SeqCharSequence

:14: error: value SeqCharSequence is not a member of object
collection.immutable.Stream.#:: #:: SeqCharSequence ^
```

scala> +: SerialVersionUID

:14: error: value SerialVersionUID is not a member of object scala.collection.+: +: SerialVersionUID ^

scala> :+ Serializable

No such command ':+'. Type :help for help.

scala> :: Set

No such command '::'. Type :help for help.

scala> <:< Short

:14: error: not found: value <:< <:< Short ^

scala> =:= Short2short

:14: error: value Short2short is not a member of object =:= =:= Short2short ^

scala> ??? Singleton

:14: error: value Singleton is not a member of Nothing ??? Singleton ^

scala> AbstractMethodError Some

:14: error: value Some is not a member of object AbstractMethodError AbstractMethodError Some ^

scala> Any Specializable

:14: error: not found: value Any Any Specializable ^

scala> AnyRef StackOverflowError

:14: error: value StackOverflowError is not a member of Specializable AnyRef StackOverflowError ^

scala> AnyVal StackTraceElement

:14: error: not found: value AnyVal AnyVal StackTraceElement ^

scala> AnyValCompanion StackWalker

:14: error: not found: value AnyValCompanion AnyValCompanion StackWalker ^

scala> App Stream

:14: error: not found: value App App Stream ^

scala> Appendable StrictMath

:14: error: value StrictMath is not a member of object Appendable Appendable StrictMath ^

scala> ArithmeticException String

:14: error: value String is not a member of object ArithmeticException ArithmeticException String ^

scala> Array StringBuffer

:14: error: value StringBuffer is not a member of object Array Array StringBuffer ^

scala> ArrayCharSequence StringBuilder

:14: error: missing argument list for method ArrayCharSequence in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `ArrayCharSequence _` or `ArrayCharSequence(_)` instead of `ArrayCharSequence`. ArrayCharSequence StringBuilder ^

scala> ArrayIndexOutOfBoundsException StringCanBuildFrom

:14: error: value StringCanBuildFrom is not a member of object ArrayIndexOutOfBoundsException ArrayIndexOutOfBoundsException StringCanBuildFrom ^

scala> ArrayStoreException StringContext

:14: error: value StringContext is not a member of object ArrayStoreException ArrayStoreException StringContext ^

scala> ArrowAssoc StringFormat

:14: error: value StringFormat is not a member of object ArrowAssoc ArrowAssoc StringFormat ^

scala> AssertionError StringIndexOutOfBoundsException

:14: error: value StringIndexOutOfBoundsException is not a member of object AssertionError AssertionError StringIndexOutOfBoundsException ^

scala> AutoCloseable SuppressWarnings

:14: error: value SuppressWarnings is not a member of object AutoCloseable AutoCloseable SuppressWarnings ^

scala> BigDecimal Symbol

:14: error: value Symbol is not a member of object scala.math.BigDecimal BigDecimal Symbol ^

scala> BigInt System

:14: error: value System is not a member of object scala.math.BigInt BigInt System ^

scala> Boolean Thread

:14: error: value Thread is not a member of object Boolean Boolean Thread ^

scala> Boolean2boolean ThreadDeath

:14: error: missing argument list for method Boolean2boolean in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `Boolean2boolean _` or `Boolean2boolean(_)` instead of `Boolean2boolean`. Boolean2boolean ThreadDeath ^

scala> BootstrapMethodError ThreadGroup

:14: error: value ThreadGroup is not a member of object BootstrapMethodError BootstrapMethodError ThreadGroup ^

scala> BufferedIterator ThreadLocal

:14: error: not found: value BufferedIterator BufferedIterator ThreadLocal ^

scala> Byte Throwable

:14: error: value Throwable is not a member of object Byte Byte Throwable ^

scala> Byte2byte Traversable

:14: error: missing argument list for method Byte2byte in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `Byte2byte _` or `Byte2byte(_)` instead of `Byte2byte`. Byte2byte Traversable ^

scala> Char TraversableOnce

:14: error: value TraversableOnce is not a member of object Char Char TraversableOnce ^

scala> CharSequence Triple

:14: error: value Triple is not a member of object CharSequence CharSequence Triple ^

scala> Character Tuple1

:14: error: value Tuple1 is not a member of object Character Character Tuple1 ^

scala> Character2char Tuple10

:14: error: missing argument list for method Character2char in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `Character2char _` or `Character2char(_)` instead of `Character2char`. Character2char Tuple10 ^

scala> Class Tuple11

:14: error: value Tuple11 is not a member of object Class Class Tuple11 ^

scala> ClassCastException Tuple12

:14: error: value Tuple12 is not a member of object ClassCastException ClassCastException Tuple12 ^

scala> ClassCircularityError Tuple13

:14: error: value Tuple13 is not a member of object ClassCircularityError ClassCircularityError Tuple13 ^

scala> ClassFormatError Tuple14

:14: error: value Tuple14 is not a member of object ClassFormatError ClassFormatError Tuple14 ^

scala> ClassLoader Tuple15

:14: error: value Tuple15 is not a member of object ClassLoader ClassLoader Tuple15 ^

scala> ClassManifest Tuple16

:14: error: value Tuple16 is not a member of object scala.reflect.ClassManifestFactory ClassManifest Tuple16 ^

scala> ClassNotFoundException Tuple17

:14: error: value Tuple17 is not a member of object ClassNotFoundException ClassNotFoundException Tuple17 ^

scala> ClassValue Tuple18

:14: error: value Tuple18 is not a member of object ClassValue ClassValue Tuple18 ^

scala> CloneNotSupportedException Tuple19

:14: error: value Tuple19 is not a member of object CloneNotSupportedException CloneNotSupportedException Tuple19 ^

scala> Cloneable Tuple2

:14: error: value Tuple2 is not a member of object Cloneable Cloneable Tuple2 ^

scala> Comparable Tuple20

:14: error: value Tuple20 is not a member of object Comparable Comparable Tuple20 ^

scala> Compiler Tuple21

:14: error: value Tuple21 is not a member of object Compiler Compiler Tuple21 ^

scala> Console Tuple22

:14: error: value Tuple22 is not a member of object Console Console Tuple22 ^

scala> DelayedInit Tuple3

:14: error: not found: value DelayedInit DelayedInit Tuple3 ^

scala> Deprecated Tuple4

:14: error: value Tuple4 is not a member of object Deprecated Deprecated Tuple4 ^

scala> DeprecatedConsole Tuple5

:14: error: not found: value DeprecatedConsole DeprecatedConsole Tuple5 ^

scala> DeprecatedPredef Tuple6

:14: error: not found: value DeprecatedPredef DeprecatedPredef Tuple6 ^

scala> Double Tuple7

:14: error: value Tuple7 is not a member of object Double Double Tuple7 ^

scala> Double2double Tuple8

:14: error: missing argument list for method Double2double in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `Double2double _` or `Double2double(_)` instead of `Double2double`. Double2double Tuple8 ^

scala> DummyImplicit Tuple9

:14: error: value Tuple9 is not a member of object DummyImplicit DummyImplicit Tuple9 ^

scala> Dynamic TypeNotPresentException

:14: error: not found: value Dynamic Dynamic TypeNotPresentException ^

scala> Either UninitializedError

:14: error: value UninitializedError is not a member of object scala.util.Either Either UninitializedError ^

scala> Ensuring UninitializedFieldError

:14: error: value UninitializedFieldError is not a member of object Ensuring Ensuring UninitializedFieldError ^

scala> Enum UniquenessCache

:14: error: value UniquenessCache is not a member of object Enum Enum UniquenessCache ^

scala> EnumConstantNotPresentException Unit

:14: error: value Unit is not a member of object EnumConstantNotPresentException EnumConstantNotPresentException Unit ^

scala> Enumeration UnknownError

:14: error: not found: value Enumeration Enumeration UnknownError ^

scala> Equals UnsatisfiedLinkError

:14: error: not found: value Equals Equals UnsatisfiedLinkError ^

scala> Equiv UnsupportedClassVersionError

:14: error: value UnsupportedClassVersionError is not a member of object scala.math.Equiv Equiv UnsupportedClassVersionError ^

scala> Error UnsupportedOperationException

:14: error: value UnsupportedOperationException is not a member of object Error Error UnsupportedOperationException ^

scala> Exception Vector

:14: error: value Vector is not a member of object Exception Exception Vector ^

scala> ExceptionInInitializerError VerifyError

:14: error: value VerifyError is not a member of object ExceptionInInitializerError ExceptionInInitializerError VerifyError ^

scala> FallbackArrayBuilding VirtualMachineError

:14: error: not found: value FallbackArrayBuilding FallbackArrayBuilding VirtualMachineError ^

scala> Float Void

:14: error: value Void is not a member of object Float Float Void ^

scala> Float2float *root*

:14: error: missing argument list for method Float2float in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `Float2float _` or `Float2float(_)` instead of `Float2float`. Float2float *root* ^

scala> Fractional annotation

:14: error: value annotation is not a member of object scala.math.Fractional Fractional annotation ^

scala> Function any2ArrowAssoc

:14: error: value any2ArrowAssoc is not a member of object Function Function any2ArrowAssoc ^

scala> Function0 any2Ensuring

:14: error: not found: value Function0 Function0 any2Ensuring ^

scala> Function1 any2stringadd

:14: error: not found: value Function1 Function1 any2stringadd ^

scala> Function10 any2stringfmt

:14: error: not found: value Function10 Function10 any2stringfmt ^

scala> Function11 arrayToCharSequence

:14: error: not found: value Function11 Function11 arrayToCharSequence ^

scala> Function12 assert

:14: error: not found: value Function12 Function12 assert ^

scala> Function13 assume

:14: error: not found: value Function13 Function13 assume ^

scala> Function14 augmentString

:14: error: not found: value Function14 Function14 augmentString ^

scala> Function15 beans

:14: error: not found: value Function15 Function15 beans ^

scala> Function16 boolean2Boolean

:14: error: not found: value Function16 Function16 boolean2Boolean ^

scala> Function17 booleanArrayOps

:14: error: not found: value Function17 Function17 booleanArrayOps ^

scala> Function18 booleanWrapper

:14: error: not found: value Function18 Function18 booleanWrapper ^

scala> Function19 byte2Byte

:14: error: not found: value Function19 Function19 byte2Byte ^

scala> Function2 byteArrayOps

:14: error: not found: value Function2 Function2 byteArrayOps ^

scala> Function20 byteWrapper

:14: error: not found: value Function20 Function20 byteWrapper ^

scala> Function21 char2Character

:14: error: not found: value Function21 Function21 char2Character ^

scala> Function22 charArrayOps

:14: error: not found: value Function22 Function22 charArrayOps ^

scala> Function3 charWrapper

:14: error: not found: value Function3 Function3 charWrapper ^

```
scala> Function4 classManifest

:14: error: not found: value Function4 Function4 classManifest ^

scala> Function5 classOf

:14: error: not found: value Function5 Function5 classOf ^

scala> Function6 collection

:14: error: not found: value Function6 Function6 collection ^

scala> Function7 com

:14: error: not found: value Function7 Function7 com ^

scala> Function8 compat

:14: error: not found: value Function8 Function8 compat ^

scala> Function9 concurrent

:14: error: not found: value Function9 Function9 concurrent ^

scala> FunctionalInterface conforms

:14: error: value conforms is not a member of object FunctionalInterface
FunctionalInterface conforms ^

scala> INSTANCE deprecated

:14: error: value deprecated is not a member of object $read INSTANCE deprecated ^

scala> IllegalAccessError deprecatedInheritance

:14: error: value deprecatedInheritance is not a member of object IllegalAccessError
IllegalAccessError deprecatedInheritance ^

scala> IllegalAccessException deprecatedName

:14: error: value deprecatedName is not a member of object IllegalAccessException
IllegalAccessException deprecatedName ^

scala> IllegalArgumentException deprecatedOverriding
```

:14: error: value deprecatedOverriding is not a member of object IllegalArgumentException
IllegalArgumentException deprecatedOverriding ^

scala> IllegalCallerException distance

:14: error: value distance is not a member of object IllegalCallerException
IllegalCallerException distance ^

scala> IllegalMonitorStateException double2Double

:14: error: value double2Double is not a member of object IllegalMonitorStateException
IllegalMonitorStateException double2Double ^

scala> IllegalStateException doubleArrayOps

:14: error: value doubleArrayOps is not a member of object IllegalStateException
IllegalStateException doubleArrayOps ^

scala> IllegalThreadStateException doubleWrapper

:14: error: value doubleWrapper is not a member of object IllegalThreadStateException
IllegalThreadStateException doubleWrapper ^

scala> Immutable exceptionWrapper

:14: error: not found: value Immutable Immutable exceptionWrapper ^

scala> IncompatibleClassChangeError fallbackStringCanBuildFrom

:14: error: value fallbackStringCanBuildFrom is not a member of object
IncompatibleClassChangeError IncompatibleClassChangeError
fallbackStringCanBuildFrom ^

scala> IndexOutOfBoundsException float2Float

:14: error: value float2Float is not a member of object IndexOutOfBoundsException
IndexOutOfBoundsException float2Float ^

scala> IndexedSeq floatArrayOps

:14: error: value floatArrayOps is not a member of object IndexedSeq IndexedSeq
floatArrayOps ^

scala> InheritableThreadLocal floatWrapper

:14: error: value floatWrapper is not a member of object InheritableThreadLocal
InheritableThreadLocal floatWrapper ^

scala> InstantiationError genericArrayOps

:14: error: value genericArrayOps is not a member of object InstantiationError
InstantiationError genericArrayOps ^

scala> InstantiationException genericWrapArray

:14: error: value genericWrapArray is not a member of object InstantiationException
InstantiationException genericWrapArray ^

scala> Int identity

:14: error: value identity is not a member of object Int Int identity ^

scala> Integer images

:14: error: value images is not a member of object Integer Integer images ^

scala> Integer2int implicitly

:14: error: missing argument list for method Integer2int in object Predef Unapplied
methods are only converted to functions when a function type is expected. You can make
this conversion explicit by writing `Integer2int _` or `Integer2int(_)` instead of
`Integer2int`. Integer2int implicitly ^

scala> Integral inline

:14: error: value inline is not a member of object scala.math.Integral Integral inline ^

scala> InternalError instrument

:14: error: value instrument is not a member of object InternalError InternalError
instrument ^

scala> InterruptedException int2Integer

:14: error: value int2Integer is not a member of object InterruptedException
InterruptedException int2Integer ^

scala> Iterable intArrayOps

:14: error: value intArrayOps is not a member of object Iterable Iterable intArrayOps ^

scala> Iterator intWrapper

:14: error: value intWrapper is not a member of object Iterator Iterator intWrapper ^

scala> LayerInstantiationException invoke

:14: error: value invoke is not a member of object LayerInstantiationException LayerInstantiationException invoke ^

scala> Left io

:14: error: value io is not a member of object scala.util.Left Left io ^

scala> LinkageError java

:14: error: value java is not a member of object LinkageError LinkageError java ^

scala> List javax

:14: error: value javax is not a member of object List List javax ^

scala> Long jdk

:14: error: value jdk is not a member of object Long Long jdk ^

scala> Long2long language

:14: error: missing argument list for method Long2long in object Predef Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing `Long2long _` or `Long2long(_)` instead of `Long2long`. Long2long language ^

scala> LowPriorityImplicits languageFeature

:14: error: not found: value LowPriorityImplicits LowPriorityImplicits languageFeature ^

scala> Manifest locally

:14: error: value locally is not a member of object scala.reflect.ManifestFactory Manifest locally ^

scala> Map long2Long

:14: error: value long2Long is not a member of object scala.collection.immutable.Map Map long2Long ^

scala> MatchError longArrayOps

:14: error: not found: value MatchError MatchError longArrayOps ^

scala> Math longWrapper

:14: error: value longWrapper is not a member of object Math Math longWrapper ^

scala> Module management

:14: error: value management is not a member of object Module Module management ^

scala> ModuleLayer manifest

:14: error: value manifest is not a member of object ModuleLayer ModuleLayer manifest ^

scala> Mutable math

:14: error: not found: value Mutable Mutable math ^

scala> NegativeArraySizeException module

:14: error: value module is not a member of object NegativeArraySizeException NegativeArraySizeException module ^

scala> Nil module-info

:14: error: value module is not a member of object Nil Nil module-info ^ :14: error: not found: value info Nil module-info ^

scala> NoClassDefFoundError native

:14: error: value native is not a member of object NoClassDefFoundError NoClassDefFoundError native ^

scala> NoManifest netscape

:14: error: value netscape is not a member of object scala.reflect.NoManifest NoManifest netscape ^

scala> NoSuchElementException noinline

:14: error: not found: value NoSuchElementException NoSuchElementException noinline ^

scala> NoSuchFieldError optManifest

:14: error: value optManifest is not a member of object NoSuchFieldError NoSuchFieldError optManifest ^

scala> NoSuchFieldException org

:14: error: value org is not a member of object NoSuchFieldException NoSuchFieldException org ^

scala> NoSuchMethodError package

:1: error: ';' expected but 'package' found. NoSuchMethodError package ^

scala> NoSuchMethodException print

:14: error: value print is not a member of object NoSuchMethodException NoSuchMethodException print ^

scala> None printf

:14: error: value printf is not a member of object None None printf ^

scala> NotImplementedError println

:14: error: not found: value NotImplementedError NotImplementedError println ^

scala> NotNull readBoolean

:14: error: not found: value NotNull NotNull readBoolean ^

scala> Nothing readByte

:14: error: not found: value Nothing Nothing readByte ^

scala> Null readChar

:14: error: not found: value Null Null readChar ^

scala> NullPointerException readDouble

:14: error: value readDouble is not a member of object NullPointerException
NullPointerException readDouble ^

scala> Number readFloat

:14: error: value readFloat is not a member of object Number Number readFloat ^

scala> NumberFormatException readInt

:14: error: value readInt is not a member of object NumberFormatException
NumberFormatException readInt ^

scala> Numeric readLine

:14: error: value readLine is not a member of object scala.math.Numeric Numeric readLine
^

scala> Object readLong

:14: error: value readLong is not a member of object Object Object readLong ^

scala> OptManifest readShort

:14: error: not found: value OptManifest OptManifest readShort ^

scala> Option readf

:14: error: value readf is not a member of object Option Option readf ^

scala> Ordered readf1

:14: error: value readf1 is not a member of object scala.math.Ordered Ordered readf1 ^

scala> Ordering readf2

:14: error: value readf2 is not a member of object scala.math.Ordering Ordering readf2 ^

scala> OutOfMemoryError readf3

:14: error: value readf3 is not a member of object OutOfMemoryError OutOfMemoryError readf3 ^

scala> Override recFact

:14: error: value recFact is not a member of object Override Override recFact ^

scala> Package ref

:14: error: value ref is not a member of object Package Package ref ^

scala> Pair refArrayOps

:14: error: value refArrayOps is not a member of object Pair Pair refArrayOps ^

scala> PartialFunction reflect

:14: error: value reflect is not a member of object PartialFunction PartialFunction reflect ^

scala> PartialOrdering remote

:14: error: not found: value PartialOrdering PartialOrdering remote ^

scala> PartiallyOrdered require

:14: error: not found: value PartiallyOrdered PartiallyOrdered require ^

scala> Predef res0

:14: error: value res0 is not a member of object Predef Predef res0 ^

scala> Process res1

:14: error: value res1 is not a member of object Process Process res1 ^

scala> ProcessBuilder res4

:14: error: value res4 is not a member of object ProcessBuilder ProcessBuilder res4 ^

scala> ProcessHandle runtime

:14: error: value runtime is not a member of object ProcessHandle ProcessHandle runtime ^

scala> Product scala

:14: error: not found: value Product Product scala ^

scala> Product1 seqToCharSequence

:14: error: value seqToCharSequence is not a member of object Product1 Product1 seqToCharSequence ^

scala> Product10 short2Short

:14: error: value short2Short is not a member of object Product10 Product10 short2Short ^

scala> Product11 shortArrayOps

:14: error: value shortArrayOps is not a member of object Product11 Product11 shortArrayOps ^

scala> Product12 shortWrapper

:14: error: value shortWrapper is not a member of object Product12 Product12 shortWrapper ^

scala> Product13 specialized

:14: error: value specialized is not a member of object Product13 Product13 specialized ^

scala> Product14 sqrt

:14: error: value sqrt is not a member of object Product14 Product14 sqrt ^

scala> Product15 sun

:14: error: value sun is not a member of object Product15 Product15 sun ^

scala> Product16 sys

:14: error: value sys is not a member of object Product16 Product16 sys ^

scala> Product17 text

:14: error: value text is not a member of object Product17 Product17 text ^

scala> Product18 throws

:14: error: value throws is not a member of object Product18 Product18 throws ^

scala> Product19 toolbarButtonGraphics

:14: error: value toolbarButtonGraphics is not a member of object Product19 Product19 toolbarButtonGraphics ^

scala> Product2 tools

:14: error: value tools is not a member of object Product2 Product2 tools ^

scala> Product20 transient

:14: error: value transient is not a member of object Product20 Product20 transient ^

scala> Product21 tuple2ToZippedOps

:14: error: value tuple2ToZippedOps is not a member of object Product21 Product21 tuple2ToZippedOps ^

scala> Product22 tuple3ToZippedOps

:14: error: value tuple3ToZippedOps is not a member of object Product22 Product22 tuple3ToZippedOps ^

scala> Product3 unaugmentString

:14: error: value unaugmentString is not a member of object Product3 Product3 unaugmentString ^

scala> Product4 unchecked

:14: error: value unchecked is not a member of object Product4 Product4 unchecked ^

scala> Product5 unitArrayOps

:14: error: value unitArrayOps is not a member of object Product5 Product5 unitArrayOps ^

scala> Product6 unwrapString

:14: error: value unwrapString is not a member of object Product6 Product6 unwrapString ^

scala> Product7 util

:14: error: value util is not a member of object Product7 Product7 util ^

scala> Product8 volatile

:14: error: value volatile is not a member of object Product8 Product8 volatile ^

scala> Product9 wrapBooleanArray

:14: error: value wrapBooleanArray is not a member of object Product9 Product9 wrapBooleanArray ^

scala> Proxy wrapByteArray

:14: error: value wrapByteArray is not a member of object Proxy Proxy wrapByteArray ^

scala> Range wrapCharArray

:14: error: value wrapCharArray is not a member of object scala.collection.immutable.Range Range wrapCharArray ^

scala> Readable wrapDoubleArray

:14: error: value wrapDoubleArray is not a member of object Readable Readable wrapDoubleArray ^

scala> ReflectiveOperationException wrapFloatArray

:14: error: value wrapFloatArray is not a member of object ReflectiveOperationException ReflectiveOperationException wrapFloatArray ^

scala> Responder wrapIntArray

:14: error: value wrapIntArray is not a member of object Responder Responder wrapIntArray ^

scala> RichException wrapLongArray

:14: error: value wrapLongArray is not a member of object RichException RichException wrapLongArray ^

scala> Right wrapRefArray

:14: error: value wrapRefArray is not a member of object scala.util.Right Right wrapRefArray ^

scala> Runnable wrapShortArray

:14: error: value wrapShortArray is not a member of object Runnable Runnable wrapShortArray ^

scala> Runtime wrapString

:14: error: value wrapString is not a member of object Runtime Runtime wrapString ^

scala> RuntimeException wrapUnitArray

:14: error: value wrapUnitArray is not a member of object RuntimeException RuntimeException wrapUnitArray ^

scala> RuntimePermission x

:14: error: value x is not a member of object RuntimePermission RuntimePermission x ^

scala> SafeVarargs x1

:14: error: value x1 is not a member of object SafeVarargs SafeVarargs x1 ^

scala> ScalaReflectionException xml

:14: error: value xml is not a member of object ScalaReflectionException ScalaReflectionException xml ^

scala> SecurityException y

:14: error: value y is not a member of object SecurityException SecurityException y ^

scala> SecurityManager y1

:14: error: value y1 is not a member of object SecurityManager SecurityManager y1 ^

scala> Seq

res218: scala.collection.Seq.type = scala.collection.Seq$@4a704a67

scala>

scala> scala> def recFact(n:Int): Int = if(n <= 0) 1 else n * recFact(n-1)

// Detected repl transcript. Paste more, or ctrl-D to finish.

recFact: (n: Int)Int

scala> Array(4,6,3),map(recFact) :1: error: ';' expected but ',' found.
Array(4,6,3),map(recFact) ^

scala> def triple(x : Double)= 3 * x triple: (x: Double)Double

scala> Array(2.1,3.7,5.5) .map(triple) res5: Array[Double] = Array(6.300000000000001,
11.100000000000001, 16.5)

scala> Array(2.1,3.7,5.5) .map(x: Double)=>2 *x) :1: error: ';' expected but '=>' found.
Array(2.1,3.7,5.5) .map(x: Double)=>2 *x) ^

scala> Array(2.1,3.7,5.5) .map((x: Double)=>2 *x) res6: Array[Double] = Array(4.2, 7.4, 11.0)

scala> Array(2,3,5).map(| (x : Int) => { | var z = 2 * x | z +1 | } | } | } :6: error: ')' expected but '}'
found. } ^

scala>) :1: error: illegal start of definition) ^

scala> Array(2,3,5).map(| (x : Int) => { | var z = 2 * x | } |) res7: Array[Unit] = Array((), (), ())

scala> // Replaying 9 commands from transcript.

scala> def recFact(n:Int): Int = if(n <= 0) 1 else n * recFact(n-1) recFact: (n: Int)Int

scala> Array(4,6,3),map(recFact) :1: error: ';' expected but ',' found.
Array(4,6,3),map(recFact) ^

scala> def triple(x : Double)= 3 * x triple: (x: Double)Double

scala> Array(2.1,3.7,5.5) .map(triple) res219: Array[Double] = Array(6.300000000000001,
11.100000000000001, 16.5)

scala> Array(2.1,3.7,5.5) .map(x: Double)=>2 *x) :1: error: ';' expected but '=>' found.
Array(2.1,3.7,5.5) .map(x: Double)=>2 *x) ^

scala> Array(2.1,3.7,5.5) .map((x: Double)=>2 *x) res220: Array[Double] = Array(4.2, 7.4,
11.0)

scala> Array(2,3,5).map((x : Int) => { var z = 2 * x z +1 } } :6: error: ')' expected but '}' found. }
^

scala>) :1: error: illegal start of definition) ^

scala> Array(2,3,5).map((x : Int) => { var z = 2 * x }) res221: Array[Unit] = Array((), (), ())

scala>

scala> [warn] Canceling execution...

Cancelled: console [error] Cancelled: console [error] Use 'last' for the full log. sbt:nmit>

scala> var upcase = " :1: error: unclosed string literal var upcase = " ^

scala> var upcase = "" upcase: String = ""

scala> for(c h<- [1]+ Stopped sudo sbt nmit@nmit:~$ sudo sbt [info] welcome to sbt 1.10.7 (Ubuntu Java 11.0.25) [info] loading project definition from /home/nmit/project [info] set current project to nmit (in build file:/home/nmit/) [warn] sbt server could not start because there's another instance of sbt running on this build. [warn] Running multiple instances is unsupported sbt:nmit> console [info] Starting scala interpreter... Welcome to Scala 2.12.20 (OpenJDK 64-Bit Server VM, Java 11.0.25). Type in expressions for evaluation. Or try :help.

scala> def fact(n: Int)={ | var r=1 | for(i<-1 to n) r = r*i | r | } fact: (n: Int)Int

scala> fact(3) res0: Int = 6

scala> def refact(n: Int):Int = if(n<=0)1 else n*refact(n-1) refact: (n: Int)Int

scala> refact(5) res1: Int = 120

scala> Array(4,6,3),map(refact) :1: error: ';' expected but ',' found. Array(4,6,3),map(refact)
^

scala> Array(4,6,3);map(refact) :14: error: not found: value map map(refact) ^ :14: error: missing argument list for method refact Unapplied methods are only converted to functions when a function type is expected. You can make this conversion explicit by writing refact _ or refact(_) instead of refact. map(refact) ^

scala> Array(4,6,3).map(refact) res3: Array[Int] = Array(24, 720, 6)

scala> Display all 402 possibilities? (y or n)

scala> Array(4,6,3).map(x: Double)=> 2*x* :1: error: ';' expected but '=>' found.
Array(4,6,3).map(x: Double)=> 2x ^

scala> Array(4,6,3).map((x: Double)=> 2*x) :12: error: type mismatch; found : Double =>*
Double required: Int => ? Array(4,6,3).map((x: Double)=> 2x) ^

scala> Array(4,6,3).map((x: Double)=> 2 *x) :12: error: type mismatch; found : Double =>
Double required: Int => ? Array(4,6,3).map((x: Double)=> 2 *x) ^

scala> Array(4,6,3).map((x: Double) => 2 *x) :12: error: type mismatch; found : Double =>
Double required: Int => ? Array(4,6,3).map((x: Double) => 2 *x) ^

scala> Array(4,6,3).map((x: Double) = 2 *x) :1: error: ')' expected but '=' found.
Array(4,6,3).map((x: Double) = 2 *x) ^

scala> Array(4,6,3).map((x: Double) =>{ 2 *x}) :12: error: type mismatch; found : Double =>
Double required: Int => ? Array(4,6,3).map((x: Double) =>{ 2 *x}) ^

scala> Arr Array ArrayIndexOutOfBoundsException ArrowAssoc

ArrayCharSequence ArrayStoreException

scala> Arr Array ArrayIndexOutOfBoundsException ArrowAssoc

ArrayCharSequence ArrayStoreException

scala> Arr Array ArrayIndexOutOfBoundsException ArrowAssoc

ArrayCharSequence ArrayStoreException

scala> Array(4,6,3).map((x: Int)=>{var z = 2*x | z+1 | }) res8: Array[Int] = Array(9, 13, 7)

scala> Ar ArithmeticException ArrayCharSequence ArrayStoreException

Array ArrayIndexOutOfBoundsException ArrowAssoc

scala> Ar ArithmeticException ArrayCharSequence ArrayStoreException

Array ArrayIndexOutOfBoundsException ArrowAssoc

scala> Ar ArithmeticException ArrayCharSequence ArrayStoreException

Array ArrayIndexOutOfBoundsException ArrowAssoc

scala> Ar :12: error: not found: value Ar Ar ^

scala> box("abhi") :12: error: not found: value box box("abhi") ^

scala> def box(s: String){ | var bor ="-' *s.length+"--\n" :2: error: unclosed string literal var bor ="-' *s.length+"--\n" ^

scala> var bor ="-" *s.length+"--\n" :11: error: not found: value s var bor ="-" *s.length+"--\n" ^

scala> def box(s: String){ | var bor ="-" *s.length+"--\n" | println(bor +"|" +s+"|\n"+bor) | } box: (s: String)Unit

scala> box("Abhi")

Abhi