

| | Narration | Time |
|--|---|-------|
| | .hæM p~ sgIkÁ76 0k ~ Ruby | 00:02 |
| | .ÐZ ë~ sgIkkl | 00:06 |
| | ?i Hyk | 00:09 |
| | .- MëÑe ~ Ruby | 00:10 |
| | .t™ qeÿk | 00:13 |
| | .t™ sprÄÿk | 00:15 |
| | ?i Hg»]Šª \j l»ÿk | 00:18 |
| | .9 Åÿk | 00:20 |
| | .• i g™wE lRuby 1.9.3 gzl 012.04y jgzUbuntu LinuxëV | 00:23 |
| | .i ~gzCtfD» Terminal ~ LinuxÄ\ MnÆKÄ sgIkkl | 00:32 |
| | ' eãfì] áÿÄ irb Ä\ M | 00:38 |
| | .NY6V, dz~g0nÆbIk ~ Ä7x1 | 00:41 |
| | ?i HykžÇVzCE~ [l | 00:47 |
| | .i @fnÄä™ ! =zq1wE l»ÿk | 00:50 |
| | .• M™gH&0i !jª reference q1ÿk | 00:54 |
| | .• case sensitive 0Ruby variablesž0, ŠzÄ | 00:58 |
| | .' etfpl xt»ÿk | 01:04 |
| | . first_name 0!• Dfkgj g&70k• 0k{ LgsÜ~ 4 ÿk | 01:07 |
| | ?i H dynamic typing0• ÜŠ [l | 01:20 |
| | .i ó0eNëÑe q1Ruby | 01:23 |
| | .i 7] gzCÄäCUN0e%ozD - ÿkÄ\ Mzi È »kl | 01:27 |
| | .i @MÇUN0e%ozÆX»{gH 0Ruby interpreter | 01:34 |
| | .,™gHbŠ3/4ÿk ~ Ruby ž• ÜŠ [l | 01:39 |

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|--|-------|
| .BÄ terminal™!ŠÄ T gzlAlt ÔCtrlB, qZ | 01:45 |
| .i CfC ^a z&zi R6+hÆ\M | 01:51 |
| .,™Uirb [Z | 01:55 |
| .N!ŠEnter nÆä™qZÑ InteractiveRuby | 01:57 |
| .N!ŠEntergzlvar1 equal to 10 ,™U[Z | 02:02 |
| .ÄgH10 =zÄklgz HçE [®] var1 ykqZäëVÆ | 02:09 |
| .7ci çEUNöeŠçŠĐSŠÄñ6ÚZô• hY[Z | 02:15 |
| gzl var1 dot kind_(underscore)of (?)question mark Integer ,™U[Z | 02:21 |
| .N!ŠEnter | |
| .i Mtrue 2 ^fM.. | 02:37 |
| .• M™spö ^{b1} !NzeÄnäy ^{çk} ~ Ruby | 02:39 |
| .,™gH=z5qZÄkZö nÆä™(Z | 02:44 |
| .• D™Æ™gH=zstring qZÄ var 1 të | 02:47 |
| .N!ŠEntergzl hello ~FÄ. evar1 equal to ,™U | 02:53 |
| .,™& xÄUNy ^{çk} gH | 03:02 |
| var1 dot class,™U | 03:06 |
| .N!ŠEnter[Z .i »k ^{-3/4} y ^{çk} ztZi @Cç Class | 03:12 |
| .i Mstring 2 ^fM.. | 03:20 |
| .i cš™sp~87Đ çEÄUNy ^{çk} Đ\M l äRuby | 03:23 |
| ?B\$ù~ nZ Ä=z ^{yçk} žĐZ ë[Z | 03:29 |
| .N!ŠEnter[Z | 03:35 |
| .• Dfj šc ä™sp ~xI lZ Äi=zyl~ ø ^{b-} y ^{çk} Ruby | 03:38 |
| .i ælg»nÆä™sp~integerÄy ^{çk} ç to_i | 03:45 |
| .i ælg»nÆä™sp~floating point Äy ^{çk} ç to_f | 03:51 |

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| .i ælj»~ä™sp~string Äyÿkz; to_s | 03:57 |
| .i @b\$Ä argumentÄ number base; to_s | 04:03 |
| .i @m@R6number basek!Šn | 04:08 |
| .• D™wÄVh\$y\$[l | 04:12 |
| ., ™ÄÄ terminal → Đ£ ŌNY6terminal | 04:15 |
| .N!Šctrl L nÄä™ÄÄwä irb | 04:21 |
| .N!ŠEntergzl y is equal to 20 , ™UN[l | 04:25 |
| .• D™3 20 =zÄklgzl• D™@eyÿkqleV€ | 04:32 |
| .ĐB\$~floating point valueÄ y ñfD™WE l; to_f ëV€ | 04:39 |
| .N!ŠEntergzl y dot to_f , ™UN | 04:47 |
| .i Q=zq6gîÄfloat... | 04:55 |
| .N!ŠEntergzl y dot to_s , ™UN | 04:57 |
| .i M20 iH#^fW~ FÄ e... | 05:06 |
| ., \$2 Ōnumber base~j \$to_s nÄä™sp~xgÄ~lÄ y yÿkz | 05:10 |
| .N!ŠÄkZD\lnÄäY~&¾ë | 05:18 |
| .N!ŠEntergzl l ;8í³2l ;ô zl, ™UN | 05:22 |
| .i @fYq iH#^fW~xgÄbinary... | 05:29 |
| .• M™spì ~xgÄhexadesimal gzloctal Ä variable y \ Mb\$ì l | 05:33 |
| ™W\$~16 c8 Ää• | 05:39 |
| .• D M: lz6[skl | 05:44 |
| .i @Hq»{]Šª variable scopežĐZ ë[l | 05:47 |
| i ð,gyÿ V¹~xlz60yÿkzi @C\j | 05:51 |
| :i C6 : j yÿkÄb\$geRuby | 05:56 |
| (Local)Äß | 06:00 |

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|---|-------|
| (Global)@ | 06:01 |
| gzl(Instance) | 06:02 |
| (Class)k | 06:04 |
| .i @YH S SAEI TM c lq1~i, WE4 y k 0 nA y k C | 06:06 |
| .i @MI ?A y k global 0\$ | 06:14 |
| .i @MI ?A y k local gj lg&lgzL { RgzB | 06:18 |
| .i @MI ?A y k instance 0@ | 06:25 |
| . • DMI ?A y k class 0 @@@ Š | 06:29 |
| . • DMI ?A constant k { R6L | 06:33 |
| . DZ ~ b lk E D, e ~ } g l A k L | 06:37 |
| . • DMI Ž Ü » k L. • % M ~ y W E s g l k A 7 l e B, A i L | 06:42 |
| 5 ä e ~ s g l k k L | 06:48 |
| var 1 = 10%o TM qe y k q l | 06:51 |
| . TM s p U I y k ñ f D TM w E l k i to_s 0 to_f | 06:56 |
| scopes y k Z | 07:04 |
| 6 g i A e w | 07:06 |
| ., TM s p ~ x g A hexadecimal gzl octal A k lgzL, TM qe y k q l | 07:08 |
| . B Š z - i z [0 6 ,, % 0 Š | 07:14 |
| .i @MI Ž Ü » • z 6 s g l k A 7 l t | 07:17 |
| . • M N Š A TM e B y f l e D l \ l b Y : B e z Š h l | 07:20 |
| : Š • z 6 s g l k A 7 l | 07:24 |
| .i C ` \ x g z ñ f D TM w E l » s g l k A 7 l | 07:27 |
| . • i Š A V B z ä TM k 0 ± i N y M z l | 07:30 |
| . K 6 contact@spoken-tutorial.org n A] â Y h x | 07:34 |

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| .ì z »• 6â} l luM• z6sglkÁ7l | 07:41 |
| .ì {" e xĐSŞAuío7pò) gfÆKİ òME ~ eg @SÆ# ÓCg , t | 07:45 |
| .• [ø6,, ^~\$] âYh' 6ukl | 07:51 |
| Xt] ållcäfi þ Xi ÄäEls>Yz ^a ä ~ ~Èlœz/ÄF»2h kl | 07:57 |