Regular Expression:	String	Results
-?[0-9]+	Valid Integer -93334	Syntax **emacs**, Found: **{-93334} at 15 , Len 6**
(\+|-)?[0-9]*\.[0-9]*([Ee](\+|-)?[0-9]+)	Valid Real Value +734.11e-1234	Syntax **awk**, Found: **{+734.11e-1234} at 18 , Len 13**
http:+(\\\|//)+([a-zA-Z_0-9.]*+(\\\|/))+([a-zA-Z_0-9]*).htm*	URL in form http://www.ser.com/dir/file.htm	Syntax **awk**, Found: **{http://www.ser.com/dir/file.htm} at 13 , Len 31**
(\([0-9]{3}\))+(-|)+([0-9]{3})+(-|)+([0-9]{4})	Valid Phone number (415)-999-8888	Syntax **posix_awk**, Found: **{(415)-999-8888} at 38 , Len 14**
(\([0-9]{3}\))+(-|)+([0-9]{3})+(-|)+([0-9]{4})	Valid Phone number (415) 999-8888	Syntax **posix_awk**, Found: **{(415) 999-8888} at 38 , Len 14**
([0-9]{2})([ ]+)([a-z]+)([ ]+)([1-2][0-9]{3}))	Valid date DD Month Year 12 February 2001	Syntax **posix_awk**, Found: **{12 February 2001} at 44 , Len 19**
([0-1][0-2](\\\|/|-|.))([0-9]{2}(\\\|/|-|.))([1-2][0-9]{3})	Valid date MM-DD-YYYY 02/02/2000	Syntax **posix_awk**, Found: **{02/02/2000} at 41 , Len 10**
([0-1][0-2](\\\|/|-|.))([0-9]{2}(\\\|/|-|.))([1-2][0-9]{3})	Valid date MM-DD-YYYY 12-02/2000	Syntax **posix_awk**, Found: **{12-02/2000} at 41 , Len 10**
([0-1][0-2](\\\|/|-|.))([0-9]{2}(\\\|/|-|.))([1-2][0-9]{3})	Invalid date MM-DD-YYYY 22/02/2000	**Fail** {Invalid date MM-DD-YYYY 22/02/2000}
Chapter+[ ][0-9]	Chapter followed by a single whitespace character (space, tab, newline, etc), followed by a single digit Chapter 9 bla-bla	Syntax **emacs**, Found: **{Chapter 9} at 106 , Len 9**
Chapter+[ ]\w*	Chapter followed by a space, followed by a word character	Syntax **emacs**, Found: **{Chapter followed} at 1 , Len 16**
((jan[a-z]*)|(feb[a-z]*)|(mar[a-z]*)|(apr[a-z]*)|(may)|(ju[a-z]*)|(aug[a-z]*)|(sep[a-z]*)|(oct[a-z]*)|(nov[a-z]*)|(dec[a-z]*))+([ ]+|\.|-)+([0-9]{2}([ ]+|.|-))([1-2][0-9]{3})|[0-9]{2})	Line with march 12 1999 or mar 12 1999	Syntax **posix_awk**, Found: **{march 12 1999} at 29 , Len 13**
((jan[a-z]*)|(feb[a-z]*)|(mar[a-z]*)|(apr[a-z]*)|(may)|(ju[a-z]*)|(aug[a-z]*)|(sep[a-z]*)|(oct[a-z]*)|(nov[a-z]*)|(dec[a-z]*))+([ ]+|\.|-)+([0-9]{2}([ ]+|.|-))([1-2][0-9]{3})|[0-9]{2})	Text with march 12, 99 or march 12, 99	**Fail** {Text with march 12, 99 or march 12, 99}
((jan[a-z]*)|(feb[a-z]*)|(mar[a-z]*)|(apr[a-z]*)|(may)|(ju[a-z]*)|(aug[a-z]*)|(sep[a-z]*)|(oct[a-z]*)|(nov[a-	Para with mar 12, 1999 or mar 12, 99	**Fail** {Para with mar 12, 1999 or mar 12, 99}

z]*)|(dec[a-z]*))+([ ]+|\.|-)+([0-9]{2}([ ]+|.|-))(([1-2][0-9]{3})|[0-9]{2})		
(d{1,2}):(\d\d)\s*(am|pm|\s*)	04:30 pm	**Fail** {04:30 pm}
(\d{1,2}):(\d\d)\s*(am|pm|\s*)	12:45am	**Fail** {12:45am}
(\d{1,2}):(\d\d)\s*(am|pm|\s*)	14:45	**Fail** {14:45}
ab{2}	matches a string that has an a followed by exactly two b's abb	Syntax **posix_awk**, Found: **{abb} at 78 , Len 3**
ab{2,}	there are at least two b's "abb", "abbbb", etc.)	Syntax **posix_awk**, Found: **{abb} at 47 , Len 3**
ab{3,5}	from three to five b's ("abbb", "abbbb", or "abbbbb")	Syntax **posix_awk**, Found: **{abbb} at 44 , Len 4**
a?b+	a possible a followed by one or more b's ending a string	Syntax **emacs**, Found: **{b} at 8 , Len 1**
a(bc)*	matches a string that has an a followed by zero or more copies of the sequence bc	Syntax **awk**, Found: **{a} at 2 , Len 1**
a(bc){1,5}	one through five copies of bc such as abcbc	Syntax **posix_awk**, Found: **{abcbc} at 64 , Len 5**
hi|hello	matches a string that has either hi or hello in it;	Syntax **awk**, Found: **{hi} at 52 , Len 2**
(b|cd)ef	a string that has either bef or cdef	Syntax **awk**, Found: **{bef} at 44 , Len 3**
(a|b)*c	a string that has bc sequence of alternating a's and b's ending in a c	Syntax **awk**, Found: **{c} at 25 , Len 1**
(a|b)*c	a string that has ac sequence of alternating a's and b's ending in a c	Syntax **awk**, Found: **{c} at 25 , Len 1**
a.[0-9]	matches a string that has an a followed by one character and a digit a0234	Syntax **emacs**, Found: **{a02} at 88 , Len 3**
a..[0-9]	matches a string that has an a followed by one character and a digit a0234	Syntax **emacs**, Found: **{a023} at 88 , Len 4**
.{5}	a string with exactly 5 characters	Syntax **posix_awk**, Found: **{a str} at 1 , Len 5**
[0-9]%	a string that has a single digit before a percent sign 6%	Syntax **emacs**, Found: **{674} at 2 , Len %**
,[a-zA-Z0-9]	a string that ends in a comma followed by an alphanumeric character ,C	Syntax **emacs**, Found: **{,C} at 87 , Len 2**
%[^a-zA-Z]%	matches a string with a character that is not a letter between two percent signs %6%	Syntax **emacs**, Found: **{ 1003} at % , Len %**

$([0-9]+|[0-9]{1,3}(,[0-9]{3})*)(\.[0-9]{1,2})?	**money as $10000.00**	Syntax **awk**, Found: **{$10000} at 10 , Len 6**
$([0-9]+|[0-9]{1,3}(,[0-9]{3})*)(\.[0-9]{1,2})?	**money as $10,000.00**	Syntax **awk**, Found: **{$10} at 10 , Len 3**
$([0-9]+|[0-9]{1,3}(,[0-9]{3})*)(\.[0-9]{1,2})?	**money without the cents: $10000**	Syntax **awk**, Found: **{$10000} at 26 , Len 6**
$([0-9]+|[0-9]{1,3}(,[0-9]{3})*)(\.[0-9]{1,2})?	**money without the cents: $10,000**	Syntax **awk**, Found: **{$10} at 26 , Len 3**
\([A-Za-z]\:\)\([A-Za-z]+\)\.\([A-Za-z]+\)	**MS DOS file names c:file.txt**	Syntax **emacs**, Found: **{c:file.txt} at 19 , Len 10**
[_a-z0-9-]+(\.[_a-z0-9-]+)*@[a-z0-9-]+(\.[a-z0-9-]+)*	**Find email address username@servername.com**	Syntax **awk**, Found: **{username@servername.com} at 38 , Len 23**
[_a-z0-9-]+(\.[_a-z0-9-]+)*@[a-z0-9-]+(\.[a-z0-9-]+)*	**Find email address name.department@servername.com**	Syntax **awk**, Found: **{name.department@servername.com} at 38 , Len 30**
Chapter [0-9]	**Chapter X, Chapter 1, bla-bla-bla**	Syntax **emacs**, Found: **{Chapter 1} at 12 , Len 9**
Chapter [^0-9]	**Chapter 1, Chapter X, bla-bla-bla**	Syntax **emacs**, Found: **{Chapter X} at 12 , Len 9**
a+x	**ax, bx, aax, abx, bax, bbx, aaax, aabx, abax, abbx, baax, babx, bbax, bbbx, aaaax ....**	Syntax **emacs**, Found: **{ax} at 1 , Len 2**
[abcde]x	**ax, bx, cx, dx, ex**	Syntax **emacs**, Found: **{ax} at 1 , Len 2**
[a-e]x	**ax, bx, cx, dx, ex**	Syntax **emacs**, Found: **{ax} at 1 , Len 2**
[-ae]x	**ax, bx, cx, dx, ex**	Syntax **emacs**, Found: **{ax} at 1 , Len 2**
[ae-]x	**-x, ax, ex**	Syntax **emacs**, Found: **{-x} at 1 , Len 2**
[ae-]x	**-x, ax, ex,**	Syntax **emacs**, Found: **{-x} at 2 , Len 2**
[a-e-[bd]]x	**ax, cx, ex**	**Fail** {ax, cx, ex}
[^0-9]x	**any non-digit character followed by the character ZY6x ZCVx BBB**	Syntax **emacs**, Found: **{Vx} at 59 , Len 2**
[0-9]x	**any digit character followed by the character ZY6x ZCVx BBB**	Syntax **emacs**, Found: **{6x} at 50 , Len 2**
\Dx	**any non-digit character followed by the character Bx9 BBxF**	**Fail** { any non-digit character followed by the character Bx9 BBxF}
.*abc.*	**1x2abc, abc1x2, z3456abchooray ....**	Syntax **emacs**, Found: **{1x2abc, abc1x2, z3456abchooray ....} at 1 , Len 35**
[0-9][0-9]	**two digits 98 bbbb**	Syntax **emacs**, Found: **{98} at 12 , Len 2**
ab{2}x	**abbx**	Syntax **posix_awk**, Found: **{abbx} at 1 , Len 4**
ab{2,4}x	**abbx, abbbx, abbbbx**	Syntax **posix_awk**, Found: **{abbx} at 1 , Len 4**

ab{2,}x	**abbx, abbbx, abbbbx ....**	Syntax **posix_awk**, Found: **{abbx} at 1 , Len 4**
(ab){2}x	**ababx**	Syntax **posix_awk**, Found: **{ababx} at 1 , Len 5**
a*	**aaabc**	Syntax **emacs**, Found: **{aaa} at 1 , Len 3**
abc	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
abc	**xbc**	**Fail** {xbc}
abc	**axc**	**Fail** {axc}
abc	**abx**	**Fail** {abx}
abc	**xabcy**	Syntax **emacs**, Found: **{abc} at 2 , Len 3**
abc	**ababc**	Syntax **emacs**, Found: **{abc} at 3 , Len 3**
ab*c	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
ab*bc	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
ab*bc	**abbc**	Syntax **emacs**, Found: **{abbc} at 1 , Len 4**
ab*bc	**abbbbc**	Syntax **emacs**, Found: **{abbbbc} at 1 , Len 6**
ab+bc	**abbc**	Syntax **emacs**, Found: **{abbc} at 1 , Len 4**
ab+bc	**abc**	**Fail** {abc}
ab+bc	**abq**	**Fail** {abq}
ab+bc	**abbbbc**	Syntax **emacs**, Found: **{abbbbc} at 1 , Len 6**
ab?bc	**abbc**	Syntax **emacs**, Found: **{abbc} at 1 , Len 4**
ab?bc	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
ab?bc	**abbbbc**	**Fail** {abbbbc}
ab?c	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
^abc$	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
^abc$	**abcc**	**Fail** {abcc}
^abc	**abcc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
^abc$	**aabc**	**Fail** {aabc}
abc$	**aabc**	Syntax **emacs**, Found: **{abc} at 2 , Len 3**
^	**abc**	**Fail** {abc}
$	**abc**	**Fail** {abc}
a.c	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
a.c	**axc**	Syntax **emacs**, Found: **{axc} at 1 , Len 3**

a.*c	axyzc	Syntax **emacs**, Found: **{axyzc} at 1 , Len 5**
a.*c	axyzd	**Fail** {axyzd}
a[bc]d	abc	**Fail** {abc}
a[bc]d	abd	Syntax **emacs**, Found: **{abd} at 1 , Len 3**
a[b d]e	abd	**Fail** {abd}
a[b d]e	ace	Syntax **emacs**, Found: **{ace} at 1 , Len 3**
a[b d]	aac	Syntax **emacs**, Found: **{ac} at 2 , Len 2**
a[-b]	a-	Syntax **emacs**, Found: **{a-} at 1 , Len 2**
a[b]	a-	Syntax **emacs**, Found: **{a-} at 1 , Len 2**
[k]	ab	**Fail** {ab}
a[b a]	-	**Fail** {-}
a[]b	-	**Fail** {-}
a[	-	**Fail** {-}
a]	a]	Syntax **emacs**, Found: **{a]} at 1 , Len 2**
a[]]b	a]b	Syntax **emacs**, Found: **{a]b} at 1 , Len 3**
a[^bc]d	aed	Syntax **emacs**, Found: **{aed} at 1 , Len 3**
a[^bc]d	abd	**Fail** {abd}
a[^-b]c	adc	Syntax **emacs**, Found: **{adc} at 1 , Len 3**
a[^-b]c	a-c	**Fail** {a-c}
a[^]b]c	a]c	**Fail** {a]c}
a[^]b]c	adc	Syntax **emacs**, Found: **{adc} at 1 , Len 3**
ab|cd	abc	Syntax **awk**, Found: **{ab} at 1 , Len 2**
ab|cd	abcd	Syntax **awk**, Found: **{ab} at 1 , Len 2**
()ef	def	Syntax **awk**, Found: **{ef} at 2 , Len 2**
()*	-	**Fail** {-}
*a	-	**Fail** {-}
^*	-	**Fail** {-}
$*	-	**Fail** {-}
(*)b	-	**Fail** {-}
$b	b	**Fail** {b}
a\	-	**Fail** {-}
a\(b	a(b	Syntax **awk**, Found: **{a(b} at 1 , Len 3**
a\(*b	ab	Syntax **awk**, Found: **{ab} at 1**

		, Len 2
a\(*b	**a((b**	Syntax **awk**, Found: **{a((b} at 1 , Len 4**
a\\b	**a\b**	Syntax **emacs**, Found: **{a\b} at 1 , Len 3**
abc)	**-**	**Fail** {-}
(abc	**-**	**Fail** {-}
((a))	**abc**	Syntax **awk**, Found: **{a} at 1 , Len 1**
(a)b(c)	**abc**	Syntax **awk**, Found: **{abc} at 1 , Len 3**
a+b+c	**aabbabc**	Syntax **emacs**, Found: **{abc} at 5 , Len 3**
a**	**-**	**Fail** {-}
a*?	**-**	**Fail** {-}
(a*)*	**-**	**Fail** {-}
(a*)+	**-**	**Fail** {-}
(a|)*	**-**	**Fail** {-}
(a*|b)*	**-**	**Fail** {-}
(a+|b)*	**ab**	Syntax **awk**, Found: **{ab} at 1 , Len 2**
(a+|b)+	**ab**	Syntax **awk**, Found: **{ab} at 1 , Len 2**
(a+|b)?	**ab**	Syntax **awk**, Found: **{a} at 1 , Len 1**
[^ab]*	**cde**	Syntax **emacs**, Found: **{cde} at 1 , Len 3**
(^)*	**-**	**Fail** {-}
(ab|)*	**-**	**Fail** {-}
)(	**-**	**Fail** {-}
	abc	**Fail** {abc}
abc		**Fail** {}
a*		**Fail** {}
abcd	**abcd**	Syntax **emacs**, Found: **{abcd} at 1 , Len 4**
a(bc)d	**abcd**	Syntax **awk**, Found: **{abcd} at 1 , Len 4**
([abc])*d	**abbbcd**	Syntax **awk**, Found: **{abbbcd} at 1 , Len 6**
([abc])*bcd	**abcd**	Syntax **awk**, Found: **{abcd} at 1 , Len 4**
a|b|c|d|e	**e**	Syntax **awk**, Found: **{e} at 1 , Len 1**
(a|b|c|d|e)f	**ef**	Syntax **awk**, Found: **{ef} at 1 , Len 2**
((a*|b))*	**-**	**Fail** {-}
abcd*efg	**abcdefg**	Syntax **emacs**, Found: **{abcdefg} at 1 , Len 7**

ab*	**xabyabbbz**	Syntax **emacs**, Found: **{ab} at 2 , Len 2**
ab*	**xayabbbz**	Syntax **emacs**, Found: **{a} at 2 , Len 1**
(ab|cd)e	**abcde**	Syntax **awk**, Found: **{cde} at 3 , Len 3**
[abhgefdc]ij	**hij**	Syntax **emacs**, Found: **{hij} at 1 , Len 3**
^(ab|cd)e	**abcde**	**Fail** {abcde}
(abc|)ef	**abdef**	Syntax **awk**, Found: **{ef} at 5 , Len 2**
(a|b)c*d	**abcd**	Syntax **awk**, Found: **{bcd} at 2 , Len 3**
(ab|ab*)bc	**abc**	Syntax **awk**, Found: **{abc} at 1 , Len 3**
a([bc]*)c*	**abc**	Syntax **awk**, Found: **{abc} at 1 , Len 3**
a([bc]*)(c*d)	**abcd**	Syntax **awk**, Found: **{abcd} at 1 , Len 4**
a([bc]+)(c*d)	**abcd**	Syntax **awk**, Found: **{abcd} at 1 , Len 4**
a([bc]*)(c+d)	**abcd**	Syntax **awk**, Found: **{abcd} at 1 , Len 4**
a[bcd]*dcdcde	**adcdcde**	Syntax **emacs**, Found: **{adcdcde} at 1 , Len 7**
a[bcd]+dcdcde	**adcdcde**	**Fail** {adcdcde}
(ab|a)b*c	**abc**	Syntax **awk**, Found: **{abc} at 1 , Len 3**
((a)(b)c)(d)	**abcd**	Syntax **awk**, Found: **{abcd} at 1 , Len 4**
[-~]*	**abcy**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[-~ -~]*	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[-~ -~ -~]*	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[-~ -~ -~ -~]*	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[-~ -~ -~ -~ -~]*	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[-~ -~ -~ -~ -~ -~]*	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[-~ -~ -~ -~ -~ -~ -~]*	**abc**	Syntax **emacs**, Found: **{abc} at 1 , Len 3**
[a-zA-Z_][a-zA-Z0-9_]*	**alpha**	Syntax **emacs**, Found: **{alpha} at 1 , Len 5**
^a(bc+|b[eh])g|.h$	**abh**	Syntax **awk**, Found: **{bh} at 2 , Len 2**
(bc+d$|ef*g.|h?i(j|k))	**effgz**	Syntax **awk**, Found: **{effgz} at 1 , Len 5**
(bc+d$|ef*g.|h?i(j|k))	**ij**	Syntax **awk**, Found: **{ij} at 1 , Len 2**

(bc+d$|ef*g.|h?i(j|k))	**effg**	**Fail** {effg}
(bc+d$|ef*g.|h?i(j|k))	**bcdd**	**Fail** {bcdd}
(bc+d$|ef*g.|h?i(j|k))	**reffgz**	Syntax **awk**, Found: **{effgz} at 2 , Len 5**
((((((((((a))))))))))	**-**	**Fail** {-}
(((((((((a)))))))))	**a**	Syntax **awk**, Found: **{a} at 1 , Len 1**
multiple words of text	**uh-uh**	**Fail** {uh-uh}
multiple words	**multiple words, yeah**	Syntax **emacs**, Found: **{multiple words} at 1 , Len 14**
(.*)c(.*)	**abcde**	Syntax **awk**, Found: **{abcde} at 1 , Len 5**
\((.*), (.*)\)	**(a, b)**	Syntax **awk**, Found: **{(a, b)} at 1 , Len 6**