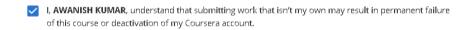


Regular Expressions

TOTAL POINTS 10

1.	Which of the following best describes "Regular Expressions"?	1 point
	The way Python handles and recovers from errors that would otherwise cause a traceback	
	A small programming language unto itself	
	A way to calculate mathematical values paying attention to operator precedence	
	A way to solve Algebra formulas for the unknown value	
2.	What will the '\\$' regular expression match?	1 point
	A dollar sign	
	The end of a line	
	An empty line	
	A new line at the end of a line	
	The beginning of a line	
3.	What would the following mean in a regular expression? [a-z0-9]	1 point
	Match a lowercase letter or a digit	
	Match any number of lowercase letters followed by any number of digits	
	Match any text that is surrounded by square braces	
	Match anything but a lowercase letter or digit	
	Match an entire line as long as it is lowercase letters or digits	
4.	What is the type of the return value of the re.findall() method?	1 point
	Astring	
	Abcolean	
	Alist of strings	
	A single character	
	○ An integer	
5.	What is the "wild card" character in a regular expression (i.e., the character that matches any character)?	1 point
	\$	
	*	
	O ?	
	^	
	O +	

6.	What is the difference between the "+" and "*" character in regular expressions?	1 point
	The "+" matches at least one character and the "*" matches zero or more characters	
	The "+" matches upper case characters and the "*" matches lowercase characters	
	The "+" matches the beginning of a line and the "*" matches the end of a line The "+" matches the beginning of a line and the "*" matches the end of a line	
	The "+" matches the actual plus character and the "*" matches any character	
	The "+" indicates "start of extraction" and the "*" indicates the "end of extraction"	
7.	What does the "[0-9]+" match in a regular expression?	(Austra)
/.		1 point
	One or more digits	
	Several digits followed by a plus sign	
	Any number of digits at the beginning of a line	
	Zero or more digits	
	Any mathematical expression	
8.	What does the following Python sequence print out?	1 point
	<pre>1 x = 'From: Using the : character' 2 y = re.findall('F.+:', x)</pre>	
	3 print(v)	
	O:	
	("From:"]	
	From:	
	^F.+:	
	['From: Using the :']	
9.	What character do you add to the "+" or "*" to indicate that the match is to be done in a non-greedy manner?	1 point
	?	
	\$	
	O ^	
	★*	
	○ /g	
	O ++	
10.	Given the following line of text:	1 point
	1 From stephen.marquard@uct.ac.za Sat Jan 5 09:14:16 2008	
	What would the regular expression '\S+?@\S+' match?	
	stephen.marquard@uct.ac.za	
	marquard@uct	
	From	
	(la t	
	d@uct.ac.za	



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