

Test Inputs & Results

	Input	Result	Comment	Test file
1	{}	Passed	Empty object	Empty_file.test
2	{"key1":1}	Passed	Single key-value pair	Single_key_value_pair.test
3	{"key1":1, "key2":2}	Passed	Multiple key-value pairs parsed	Multiple_key_value_pairs.test
4	{ "vehicle": { "make": "bmw", "horsepower": 400 } }	Passed	Object as a value in key-value pair	Object.test
5	{"key": 1	Failed: Couldn't parse	No enclosing }	No_enclosing_brace.test
6	{"scores": [10, 23, 15]}	Passed	Array of values parsed	Array_as_value.test
7	{"scores": [1, 2]}	Failed	No enclosing] in array	No_enclosing_sqbracket.test
8	{ "pets": [{ "name": "rex", "animal": "dog", "tag_number": 20323, "length": 41.56 }, { "name": "chiki riki", "animal": "dove", "tag_number": 13042, "length": 24.30 } }	Passed	Array of objects as a value	Array_of_objects_as_value.test

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	}			
9	{greeting}	Failed: Illegal character	Invalid key-value pair	Invalid_key_value_pair.test
10	{"greeting"}	Failed: Couldn't parse	Invalid key-value pair	Invalid_key_value_2.test
11	{"greeting":hello}	Failed: Couldn't parse	Missing double quotes	Missing_double_quote.test
12	{"greeting":"hello"}	Passed	Valid key-value pair	Single_key_value_pair_strings
13	{"_rand123StrIng@\$":2}	Passed	Unicode string parsed	Unicode_string.test
14	{"animal\\": "buck"}	Failed: Couldn't parse	Exception control char \\	Invalid_unicode_char.test
15	{"age":20}	Passed	Positive integer passed	Positive_integer_value.test
16	{"bank_balance":0}	Passed	Zero passed	Zero_value.test
17	{"temp": -3}	Passed	Negative integer passed	Negative_integer_value.test
18	{"average_score":15.45}	Passed	Positive floating point	Floating_point_value.test
19	{"average_temp":-3.45}	Passed	Negative floating point	Neg_floating_point_value.test
20	{"speed_of_light": 2.99e+8}	Passed	Scientific notation	Scientific_notation_value.test
21	{"speed_of_light":3.00e+9}	Failed: Couldn't parse	Invalid scientific notation	Invalid_scientific_notation.test
22	{"passed":true}	Passed	Boolean	Boolean_value.test