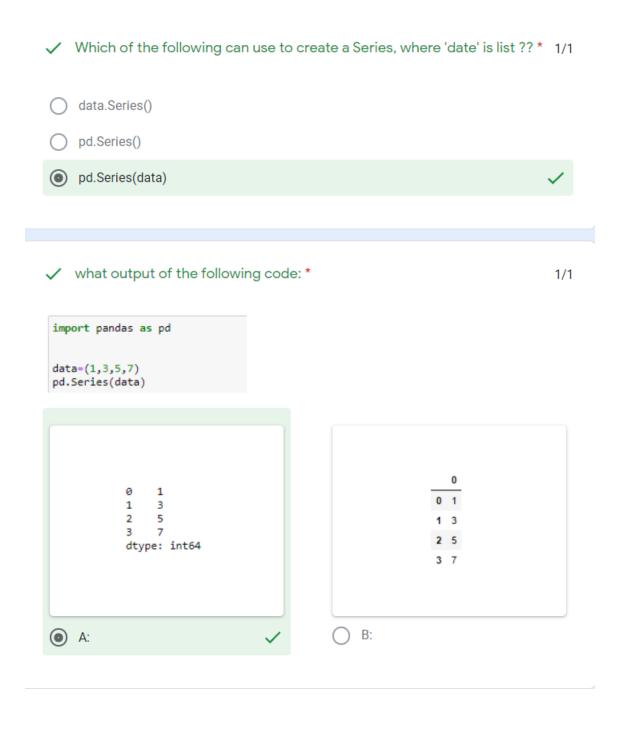
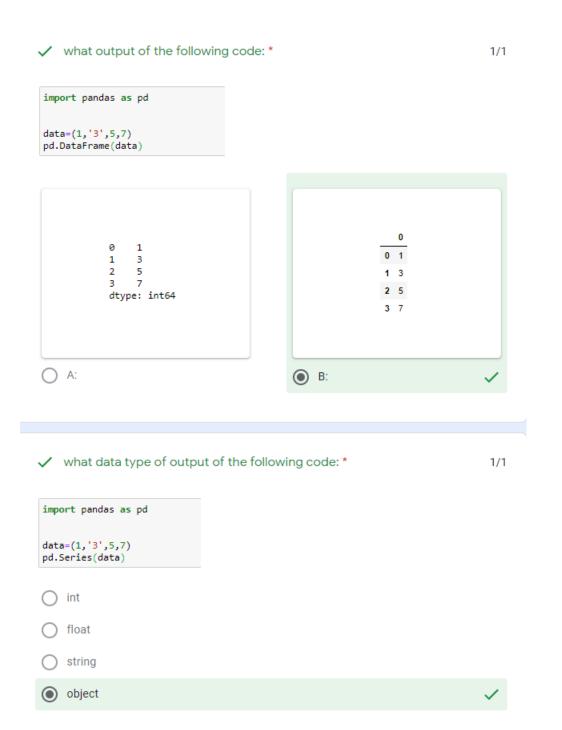
Pandas







HINT

You can Download Data from : https://github.com/dscmachine/Pandas/tree/main/exercises%20data

✓ Which of the following can use to read date? *	1/1
data.to_csv("fruits_data.csv")	
<pre>pd.read_csv("fruits_data.csv")</pre>	~
pd.read_csv(fruits_data)	
✓ how many columns have float data type in data? *	1/1
○ 3	
O 1	
4	✓
O 5	
✓ how many missing value in "color_score " column? *	1/1
O 54	
5	~
<u>55</u>	

✓ how many fruit types in data? *	1/1
O 5	
4	✓
○ 3	
O 2	
✓ How many entries in data? *	1/1
413	~
(59, 7)	
(start=0, stop=59, step=1)	
✓ What fruit types in data? *	1/1
['apple', 'orange', 'lemon']	
['apple', 'orange']	
(apple', 'orange', 'lemon', 'mandarin')	~
None the above	

✓ Which column in data have the most missing values ? *	1/1
mass	
fruit_label	
fruit_subtype	~
height	
✓ Which column in data have the laest missing values ? *	1/1
mass	
fruit_label	~
fruit_subtype	
height	
✓ Which of the following column in data have the same missing values ? *	1/1
mass	~
✓ color_score	
width	✓
height	

✓ what fruit type have the most frequent in data? *	1/1
apple	
○ Iemon	
orange	~
✓ what standard deviation of numerical data in data? *	1/1
55.939570	
0.823824	
24.634957	~
11.880093	
✓ what mean of numerical data in data? *	1/1
what mound of hamerical data in data.	171
36.521178	~
7.640000	
164.518519	
71.613142	

~	What the least mass of apple? *	1/1
0	7.1	
0	0.6	
•	140.0	~
0	164.5	
~	What the most color score of orange? *	1/1
0	0.93	
•	0.82	~
0	0.72	
0	0.77	
~	What the least color score of apple that have mass greater than 120 ? *	1/
•	0.55	~
0	6.8	
	0.30	

✓ how many fruits have mass greater than 120? *	1
O 57	
O 49	
O 40	
43	~
✓ how many subtype of fruits have mass greater than 120? *	1
O 57	
41	~
O 47	
O 43	
how many oranges have mass greater than 120 and width great	ter than 5?1
O 42	
18	~
O 43	
O 17	

✓	if fruit subtype is spanish belsan , we can predict that this fruit is *	1/1
0	apple	
0	orange	
•	lemon	~
0	mandarin	