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 (https://www.udemy.com/topic/python)

 (https://www.guru99.com/python-tutorials.html)

 (https://jooble.org/jobs-python-developer)

Classes and Objects

No.	Title	Description	Completed	Play
1	[MCQ] Create Object	The code below shows the definition of a Laptop Class. ```class Laptop: def __init__(self, capacity): self.capacity = capacity self.color = 'green'```	✔	▶ (/quiz/view_question/s10-q1)
2	[MCQ] Create Object	The code below shows the definition of a Laptop Class. ```class Laptop: def __init__(self, capacity): self.capacity = capacity self.color = 'green' def change_color(self, new_color): self.color = new_color```	✔	▶ (/quiz/view_question/s10-q2)

No.	Title	Description	Completed	Play
3	Create Object	To create an object, it is important to look at the 'constructor' method: __init__() to find out the arguments that are required. The example below shows you how to create a Laptop object. Create a Person object based on the class definition given in the textbox below.	✔	▶ (/quiz/view_question/s10-q3)
4	Instance methods.	An instance method is a function which operates on an instance of a class.	✔	▶ (/quiz/view_question/s10-q4)
5	A simple 'Point' class.	Construct a class named 'Point', which takes in the x and y coordinates as parameters. It should include the documentation string and the methods '__init__' and '__str__'.	✔	▶ (/quiz/view_question/s10-q5)
6	Class and object variables.	Class variables are accessible by all objects (instances) of a class, while object variables are only applicable to the object (instance) itself.	✔	▶ (/quiz/view_question/s10-q6)
7	Operator Overloading	It is possible to change the behaviour of built-in opertators with special methtods. For example, the '+' operator can be implemented with the __add__ method. Define a Point class that supports operator overloading for the '+' and '-' operators.	✔	▶ (/quiz/view_question/s10-q7)
8	Inheritance	Inheritance allows the reuse of code, by implementing a parent-child relationship between classes. Create 2 derived classes Student and WorkingAdult from the base class Person.	✔	▶ (/quiz/view_question/s10-q8)

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