Exercise sheet 2   Points: / 20

Python Introduction 2022

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Exercise:

In this exercise you have to finish the code for a program, which keeps track of lifted weights in the exercises *squat bench press* and *deadlift* for lifter names.

(a)   Code the *evaluate* function! You have a list of commands that are valid commands. You have to write the check, if the user input command is valid. If it is, then return True, if not then print *Invalid action 'cmd'. Try again!* and return False.
Hint: You can check if cmd is in the validCommands List

(b)   Instantiate an *Athlete* Object! The *Athlete* class is already given, you just have to instantiate it with the given *name*!

(c)   In the *Athlete* class you have to add the attributes *bench* and *lift* which are variables of the class. Classes and objects are kinda the same. The class is the constructor of an object. If you're confused about the definitions check here.
Hint: The attribute squat is already coded. Check there if you have trouble.