Welcome **EXPLORER** percipio33_properties.py percipio29_class_initialization.py × # percipio29 class initialization.py **A OPEN EDITORS** # Percipio video: Classes: Class Initialization Welcome # Demonstrate how Class Initialization happens percipio33_properties.py Perc... # This shows how the ' init ' method works percipio29_class_initialization.... # The special 'init' method allows initialization of different instances of a class with different kinds **▲ PYTHON** of instance attribute values ▶ Automate-Boring-Stuff (%) $n1 = ' \n'$ > my_code import locale # module used so the proper format will be applied to the currency ■ Percipio_Python3-Course import sys # module to indicate which platform this script is executing on ▶ 01_Start ▶ 02_Data-Sequence Types class Base Model(): # class defination named Base Model with colon to delimit code block belonging to this 03_Collections-Mapping-Loopi... ▶ 04 Modules-Functions # Represent base model of a car trim = 'normal' # class attribute as a string ■ 05_Classes engine liters = 1.5 # class attribute as a floating point value percipio27_classes_and_types... percipio28_class_defination.py percipio29_class_initialization... def init (self, price, transmission='automatic', color='white'): # with the special init method, percipio30_class_instance_me... when a new instance is created. it refers to itself by the first parameter, will require a price percipio31_static_methods.py parameter, & will use default parameters for Transmission and color if none is specified percipio32_inheritance.py self.price = price # required parameter self.transmission = transmission # default parameter which can be overridden percipio33_properties.py self.color = color # default parameter which can be overridden percipio34_properties_with_in.. " As the new instance is created below, this special init method is automatically executed, percipio35_operator_overloa... with the passed price value gets assigned to the instance 'self.price' attribute, ▶ 06_Working-with-Files with the passed transmission value gets assigned to the instance 'self.transmission' attribute; ▶ 07_Comprehensions with none passed, default value is assigned, 08_Iterables-and-Generators with the passed color value gets assigned to the instance 'self.color' attribute; with none passed, default value is assigned, ''' ▶ 09_Exceptions ▶ Python Projects_2014 def info(self): # coop.info method ≡ CMD_Python_Set-Path.txt if sys.platform.startswith('win'): # checks if sys.platform starts with the string 'win' (win = ≡ Python_Basics.txt 32bit or 64bit Windows machine) Python_Clear-Window-Command... locale.setlocale(locale.LC_ALL, 'us') # windows locale setting is the value to set all the python_exercises_00.py locale settings is the string 'us' else: # python_exercises_01.py locale.setlocale(locale.LC ALL, 'en US.utf8') # locale settings on non-Windows platforms, the Python_Tutorial_Running-Scripts.... value to set all the locale settings is the string 'en US.utf8' Python_Tutorials.md print('The price of %s was %s.' % # 1st %s equals self, the 2nd %s refers to the formated (self, locale.currency(self.price))) # def str (self): # The string (str) that is substituted for 'self' will be the 'str' method. return 'a %s base model with %s transmission' % (self.color, self.transmission) # # 1st created instance with 1 required parameter, price coop - Pasa Modal (25000) # 2 now instance expected based on the class.

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