

README

CLASS DOCUMENTATION

A description of the class:

The class is called Roommate. The Roommate class takes in two arguments, the roommate's name and the college the roommate is affiliated with. The Roommate class consists of five functions; the `__init__` function, `get_name` function, `get_collegename` function, rating function, and finally, the `freetime` function.

A description of each of the class and data variables:

The class variable used in this class is `univ_name`. `Univ_name` is set to "University of California, Santa Cruz." This program is for UCSC students to use to get to know information about their roommate so the class variable is set as the university name the roommate and the user is from. The private variables are located in the `__init__` function. There are two private variables in total, `self.__name`, and `self.__collegename`. The `self.__name` holds the roommate's name while the `self.__college` name holds the college name the roommate is affiliated with.

A description of each of the methods:

The `get_name` method returns the name of the roommate. It does not take in any arguments. The `get_collegename` method returns the college name the roommate is affiliated with. It does not take in any arguments as well. The rating method returns a string informing users of the number of times the roommate has annoyed the user and also states any repeated activities the roommate has done that annoyed the user. The method takes in a list that consists of activities the roommate has done that annoyed the user. The `freetime` method returns the amount of free time the roommate has. The method takes in the amount of time the roommate is occupied within a day.

DEMO PROGRAM DOCUMENTATION:

A description of the demo program:

The demo program basically is a roommate report. The user can get their roommate's name, the name of the college the roommate is affiliated with, the number of times their roommate has annoyed them (and the name of repeated activities that the roommate has done that annoyed the user), and the amount of free time that the user has.

Instructions on how to run the demo program:

The main function asks for the user's inputs. By running the program in the terminal and inserting all the inputs, the user will be able to get the results of the program.