Question_1

API Documentation

February 27, 2017

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1 Module boy_class

1.1 Variables

Name	Description
___package___	**Value: None**

1.2 Class boy

1.2.1 Methods

> **___init___**(*self*, *name_boy*, *attraction_boy*, *budget_for_girlfriend*, *intelligence_level_boy*, *minimum_attraction_required*)

> **suitable**(*self*, *required_budget*, *attraction_girl*)

1.2.2 Instance Variables

Name	Description
budget_for_girlfriend	boy's intelligence level
intelligence_level_boy	minimum attraction
minimum_attraction_required	in starting we are going to assume that every boy is single
status_boy	because in starting boy is single so his girlfriend name must be empty

2 Module engine

2.1 Functions

creating_csv()

print_couple(*glist*)

2.2 Variables

Name	Description
glist	**Value:** []
csv_girl	**Value:** open('data_girl.csv')
girl_reader	**Value:** csv.reader(csv_girl, delimiter= ',')
boy_reader	**Value:** csv.reader(csv_boy, delimiter= ',')
blist	same goes for girl **Value:** [boy(row [0], int(row [1]), int(row [2]), int(row [3]), i...
__package__	**Value:** None
a	**Value:** <girl_class.girl instance at 0x7f86e7986368>
b	**Value:** <boy_class.boy instance at 0x7f86e7986f80>
csv_boy	**Value:** <closed file 'data_boy.csv', mode 'r' at 0x7f86e796d270>
row	**Value:** ['a68', '23', '629', '140', '50']

3 Module girl_class

3.1 Variables

Name	Description
___package___	**Value: None**

3.2 Class girl

3.2.1 Methods

___**init**___(*self, name_girl, attraction_girl, required_budget, brain_level_girl*)

girl_class' constructor

suitable(*self, budget_for_girlfriend*)

3.2.2 Instance Variables

Name	Description
attraction_girl	in starting she is single
brain_level_girl	because she is single so there is no boyfriend name
name_boyfriend	checking weather is permitted or not

4 Module utility

4.1 Functions

creating_csv()

4.2 Variables

Name	Description
___package___	**Value:** `None`

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