

Question_1

API Documentation

February 27, 2017

Contents

Contents	1
1 Module boy_class	2
1.1 Variables	2
1.2 Class boy	2
1.2.1 Methods	2
1.2.2 Instance Variables	2
2 Module engine	3
2.1 Functions	3
2.2 Variables	3
3 Module girl_class	4
3.1 Variables	4
3.2 Class girl	4
3.2.1 Methods	4
3.2.2 Instance Variables	4
4 Module utility	5
4.1 Functions	5
4.2 Variables	5
Index	6

1 Module boy_class

1.1 Variables

Name	Description
<code>__package__</code>	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
<code>budget_for_girlfriend</code>	boy's intelligence level
<code>intelligence_level_boy</code>	minimum attraction
<code>minimum_attraction_required</code>	in starting we are going to assume that every boy is single
<code>status_boy</code>	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
<code>glist</code>	Value: []
<code>csv_girl</code>	Value: <code>open('data_girl.csv')</code>
<code>girl_reader</code>	Value: <code>csv.reader(csv_girl, delimiter= ',')</code>
<code>boy_reader</code>	Value: <code>csv.reader(csv_boy, delimiter= ',')</code>
<code>blist</code>	same goes for girl Value: <code>[boy(row [0], int(row [1]), int(row [2]), int(row [3]), i...</code>
<code>__package__</code>	Value: None
<code>a</code>	Value: <code><girl_class.girl instance at 0x7f86e7986368></code>
<code>b</code>	Value: <code><boy_class.boy instance at 0x7f86e7986f80></code>
<code>csv_boy</code>	Value: <code><closed file 'data_boy.csv', mode 'r' at 0x7f86e796d270></code>
<code>row</code>	Value: <code>['a68', '23', '629', '140', '50']</code>

3 Module girl_class

3.1 Variables

Name	Description
<code>__package__</code>	Value: None

3.2 Class girl

3.2.1 Methods

<code>__init__(self, name_girl, attraction_girl, required_budget, brain_level_girl)</code>
girl_class' constructor

<code>suitable(self, budget_for_girlfriend)</code>
--

3.2.2 Instance Variables

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

4 Module utility

4.1 Functions

<code>creating_csv()</code>

4.2 Variables

Name	Description
<code>__package__</code>	Value: None

Index

- boy_class (*module*), 2
 - boy_class.boy (*class*), 2
 - boy_class.boy.__init__ (*method*), 2
 - boy_class.boy.suitable (*method*), 2
- engine (*module*), 3
 - engine.creating_csv (*function*), 3
 - engine.print_couple (*function*), 3
- girl_class (*module*), 4
 - girl_class.girl (*class*), 4
 - girl_class.girl.__init__ (*method*), 4
 - girl_class.girl.suitable (*method*), 4
- utility (*module*), 5
 - utility.creating_csv (*function*), 5