PPL Assignment - Question4

API Documentation

April 10, 2017

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1 Package q4

1.1 Modules

- **boy** *(Section 2, p. 3)*
- **commboy** *(Section 3, p. 4)*
- **commgirl** *(Section 4, p. 6)*
- **compartor** *(Section 5, p. 7)*
- **couple** *(Section 6, p. 8)*
- **gift** *(Section 7, p. 9)*
- **girl** *(Section 8, p. 10)*
- **inputhelper** *(Section 9, p. 11)*
- **inputter** *(Section 10, p. 12)*
- **main** *(Section 11, p. 13)*
- **makecouple** *(Section 12, p. 14)*
- **ques4fun** *(Section 13, p. 15)*

1.2 Variables

Name	Description
__package__	**Value:** `None`

2 Module q4.boy

2.1 Variables

Name	Description
__package__	**Value:** `None`

2.2 Class boy

Known Subclasses: q4.commboy.commboy

2.2.1 Methods

__init__(*self*, *name*, *clvrn*, *sxn*, *minhotn*, *budget*)

3 Module q4.commboy

3.1 Variables

Name	Description
__package__	**Value:** `'q4'`

3.2 Class commboy

q4.boy.boy
└
q4.commboy.commboy

Known Subclasses: q4.commboy.geek, q4.commboy.kind, q4.commboy.miser

3.2.1 Methods

__init__(*self*, *name*, *clvrn*, *sxn*, *minhotn*, *budget*, *gir*)
Overrides: q4.boy.boy.__init__

3.3 Class miser

q4.boy.boy
└
q4.commboy.commboy
└
q4.commboy.miser

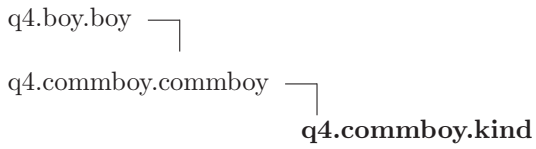
3.3.1 Methods

__init__(*self*, *name*, *clvrn*, *sxn*, *minhotn*, *budget*, *gir*)
Overrides: q4.boy.boy.__init__

giftallocator(*self*, *baske*)

happinesscalculator(*self*)

3.4 Class kind



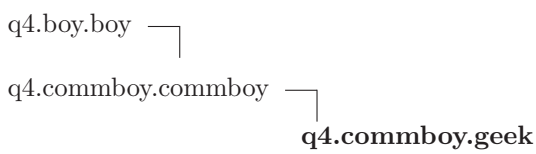
3.4.1 Methods

__init__(*self*, *name*, *clvrn*, *sxn*, *minhotn*, *budget*, *gir*)
Overrides: q4.boy.boy.__init__

giftallocator(*self*, *baske*)

happinesscalculator(*self*)

3.5 Class geek



3.5.1 Methods

__init__(*self*, *name*, *clvrn*, *sxn*, *minhotn*, *budget*, *gir*)
Overrides: q4.boy.boy.__init__

giftallocator(*self*, *baske*)

happinesscalculator(*self*)

4 Module q4.commgirl

4.1 Variables

Name	Description
__package__	**Value:** `'q4'`

4.2 Class commgirl

4.2.1 Methods

__init__(*self*, *name*, *hotn*, *smrtn*, *mntcst*, *choice*, *bo*, *typ*)

happinesscalculator(*self*)

5 Module q4.compartor

5.1 Functions

shortlister(*gir*, *lisb*)

compartor(*lisb*, *lisg*)

5.2 Variables

Name	Description
__package__	**Value:** `None`

6 Module q4.couple

6.1 Variables

Name	Description
__package__	**Value:** `'q4'`

6.2 Class couple

6.2.1 Methods

__init__(*self*, *bo*, *gir*)

7 Module q4.gift

7.1 Variables

Name	Description
__package__	**Value:** `None`

7.2 Class egift

7.2.1 Methods

__init__(*self*, *value*, *price*)

7.3 Class lgift

7.3.1 Methods

__init__(*self*, *value*, *price*, *lux*, *diff*)

7.4 Class ugift

7.4.1 Methods

__init__(*self*, *value*, *price*, *utlcls*, *utlval*)

7.5 Class basket

7.5.1 Methods

__init__(*self*, *lis*)

sortasperprice(*self*)

reversesortasperprice(*self*)

8 Module q4.girl

8.1 Variables

Name	Description
__package__	**Value:** `None`

8.2 Class girl

8.2.1 Methods

__init__(*self*, *name*, *hotn*, *smrtn*, *mntcst*, *choice*)

9 Module q4.inputhelper

9.1 Functions

girlrandomgenerator(*ng*)

boyrandomgenerator(*nb*)

basketrandomgenerator()

9.2 Variables

Name	Description
__package__	**Value:** `'q4'`

10 Module q4.inputter

10.1 Functions

girlinputreaderandmaker()

boyinputreaderandmaker()

10.2 Variables

Name	Description
__package__	**Value:** 'q4'

11 Module q4.main

11.1 Functions

main()

11.2 Variables

Name	Description
__package__	**Value:** `'q4'`

12 Module q4.makecouple

12.1 Functions

makecouple(*couplelist*)

12.2 Variables

Name	Description
__package__	**Value:** `'q4'`

13 Module q4.ques4fun

13.1 Functions

removeminhpns(*lis*, *k*)

printmaxcpt(*lis*, *k*)

printallgifts()

shortlister(*gir*, *lisb*, *b*)

q4compartor(*lisb*, *removedlist*)

13.2 Variables

Name	Description
__package__	**Value:** `None`

14 Script script-log_txt

15 Script script-test_txt

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