

Question5

API Documentation

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1 Module boy

1.1 Variables

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

1.2 Class boy

Known Subclasses: `generous.Generous`, `geek.Geek`, `miser.Miser`

1.2.1 Methods

```
__init__(self, name_boy, attraction_boy, budget_for_girlfriend, intelligence,
minimum_attraction_required, type_boy)
```

```
set_hn(self, happiness)
```

```
set_gf(self, girlfriend_name)
```

```
change_bud_for_gf(self, budget_for_girlfriend)
```

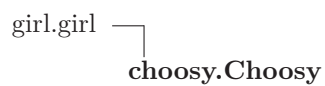
```
chk_elg(self, maintenance_budget_girl, attraction_girl)
```

2 Module choosy

2.1 Variables

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

2.2 Class Choosy



2.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name_girl</i> , <i>attraction_girl</i> , <i>maintenance_budget_girl</i> , <i>intelligence</i> , <i>type_girl</i>) Overrides: <code>girl.girl.__init__</code>
--

Inherited from `girl.girl`(Section 9.2)

`change_main_bud()`, `chk_elg()`, `set_bf()`, `set_hn()`

3 Module couple

3.1 Variables

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

3.2 Class couple

3.2.1 Methods

<code>__init__(self, boy, girl)</code>
<code>set_comp(self)</code>
<code>set_hn(self)</code>

4 Module desperate

4.1 Variables

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

4.2 Class Desperate

girl.girl —
desperate.Desperate

4.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name_girl</i> , <i>attraction_girl</i> , <i>maintenance_budget_girl</i> , <i>intelligence</i> , <i>type_girl</i>) Overrides: girl.girl. <code>__init__</code>
--

Inherited from girl.girl(Section 9.2)

`change_main_bud()`, `chk_elg()`, `set_bf()`, `set_hn()`

5 Module essential

5.1 Variables

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

5.2 Class Essential

gift.gift —
essential.Essential

5.2.1 Methods

<code>__init__(self, name_gift, cost, value, type_gift)</code> Overrides: gift.gift.__init__

6 Module geek

6.1 Variables

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

6.2 Class Geek

boy.boy —
geek.Geek

6.2.1 Methods

<code>__init__</code> (<i>self, name_boy, attraction_boy, budget_for_girlfriend, intelligence, minimum_attraction_required, type_boy</i>) Overrides: boy.boy. <code>__init__</code>

Inherited from boy.boy(Section 1.2)

`change_bud_for_gf()`, `chk_elg()`, `set_gf()`, `set_hn()`

7 Module generous

7.1 Variables

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

7.2 Class Generous

boy.boy —
generous.Generous

7.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name_boy</i> , <i>attraction_boy</i> , <i>budget_for_girlfriend</i> , <i>intelligence</i> , <i>minimum_attraction_required</i> , <i>type_boy</i>) Overrides: boy.boy. <code>__init__</code>
--

Inherited from boy.boy(Section 1.2)

`change_bud_for_gf()`, `chk_elg()`, `set_gf()`, `set_hn()`

8 Module gift

8.1 Variables

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

8.2 Class gift

Known Subclasses: `essential.Essential`, `luxury.Luxury`, `utility.Utility`

8.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name</i> , <i>cost</i> , <i>value</i> , <i>type_gift</i>)

9 Module *girl*

9.1 Variables

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

9.2 Class *girl*

Known Subclasses: *choosy.Choosy*, *desperate.Desperate*, *normal.Normal*

9.2.1 Methods

```
__init__(self, name_girl, attraction_girl, maintenance_budget_girl,
intelligence, type_girl)
```

```
set_hn(self, happiness)
```

```
set_bf(self, boyfriend)
```

```
change_main_bud(self, mainte)
```

```
chk_elg(self, budget_for_girlfriend)
```

10 Module *luxury*

10.1 Variables

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

10.2 Class *Luxury*

gift.gift —
luxury.Luxury

10.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name_gift</i> , <i>cost</i> , <i>value</i> , <i>type_gift</i>)
Overrides: gift.gift. <code>__init__</code>

11 Module main

11.1 Functions

log_maker(*write*)

cal_hn(*H*)

h_c(*H*, *k*)

gs(*gifts*, *p*)

mr(*gifts*, *x*)

geek(*gifts*, *c*)

g_dt(*H*)

tt()

12 Module miser

12.1 Variables

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

12.2 Class Miser

boy.boy └─
 miser.Miser

12.2.1 Methods

<code>__init__</code> (<i>self, name_boy, attraction_boy, budget_for_girlfriend, intelligence, minimum_attraction_required, type_boy</i>) Overrides: boy.boy. <code>__init__</code>

Inherited from boy.boy(Section 1.2)

`change_bud_for_gf()`, `chk_elg()`, `set_gf()`, `set_hn()`

13 Module normal

13.1 Variables

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

13.2 Class Normal

girl.girl —
normal.Normal

13.2.1 Methods

<code>__init__(self, name_girl, attraction_girl, maintenance_budget_girl, intelligence, type_girl)</code> Overrides: girl.girl.__init__
--

Inherited from girl.girl(Section 9.2)

change_main_bud(), chk_elg(), set_bf(), set_hn()

14 Module util

14.1 Functions

<code>create_util()</code>

14.2 Variables

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

15 Module utility

15.1 Variables

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

15.2 Class Utility

gift.gift —
utility.Utility

15.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name</i> , <i>cost</i> , <i>value</i> , <i>type__gift</i>)
Overrides: gift.gift. <code>__init__</code>

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