

# Question\_2

## API Documentation

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# 1 Module couples

## 1.1 Variables

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

## 1.2 Class couples

### 1.2.1 Methods

<code>__init__(self, girl, boy)</code>
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<code>set_happiness(self)</code>
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<code>set_compatibility(self)</code>
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## 2 Module `fn_driver`

### 2.1 Functions

<code>details_gifts(pair, list_gifts)</code>
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<code>find_req_couples(pair)</code>
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<code>calc_happiness(pair)</code>
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<code>miser(list_gifts, tmp)</code>
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<code>generous(list_gifts, tmp)</code>
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<code>geek(list_gifts, tmp)</code>
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<code>test()</code>
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### 2.2 Variables

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

### 3 Module `gifts_attributes`

#### 3.1 Variables

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

#### 3.2 Class `gifts_attributes`

##### 3.2.1 Methods

<code>__init__(self, cost, name, __type, value)</code>
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## 4 Module log

### 4.1 Functions

<code>generator_log(<i>write</i>)</code>
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### 4.2 Variables

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

## 5 Module new\_boy

### 5.1 Variables

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

### 5.2 Class boy

#### 5.2.1 Methods

<code>__init__(self, name, attractiveness, intelligence, min_attraction_requirement, budget, _type)</code>
<code>set_happiness(self, happiness)</code>
<code>set_girlfriend(self, girlfriend)</code>
<code>modify_boys_girl_budget(self, budget)</code>
<code>eligibility(self, girls_maintainance_cost, girls_attractiveness)</code>

## 6 Module new\_girl

### 6.1 Variables

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

### 6.2 Class girl

#### 6.2.1 Methods

<code>__init__(self, name, attractiveness, maintainance_budget, intelligence_level, __type)</code>
<code>eligibility(self, budget)</code>
<code>modify__maitainance__budget(self, budget)</code>
<code>set__boyfriend(self, boyfriend)</code>
<code>set__happiness(self, happiness)</code>

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