

# q1.pdf

## API Documentation

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# 1 Module boy

## 1.1 Variables

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

## 1.2 Class Boy

### 1.2.1 Methods

```
__init__(self, name, attractiveness, girlfriend_budget, intelligence,  
minimum_attraction_requirement, type_)
```

```
set_happiness(self, happiness)
```

```
set_girlfriend(self, girlfriend)
```

```
modify_boys_girlfriend_budget(self, budget)
```

```
is_eligible(self, maintenance_budget, attractiveness)
```

## 2 Module girl

### 2.1 Variables

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

### 2.2 Class girl

#### 2.2.1 Methods

<code>__init__(self, name, attractiveness, maintenance_budget, intelligence, type_)</code>
<code>set_happiness(self, happiness)</code>
<code>set_girlfriend(self, girlfriend)</code>
<code>modify_maintenance_budget(self, budget)</code>
<code>is_eligible(self, boys_girlfriend_budget)</code>

### 3 Module logs

#### 3.1 Functions

<code>log_maker(<i>write</i>)</code>
--------------------------------------

#### 3.2 Variables

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

## 4 Module main

### 4.1 Variables

Name	Description
boys	Value: open('./boys_list.csv')
getboy	Value: <_csv.reader object>
girls	Value: open('./girls_list.csv')
getgirl	Value: <_csv.reader object>
boy_list	Value: [<boy.Boy object>, <boy.Boy object>, <boy.Boy object>, <b...
girl_list	Value: [<girl.girl object>, <girl.girl object>, <girl.girl objec...
__package__	Value: None
i	Value: ['Boy99', '46', '53', '54', '85', 'Geek']
j	Value: ['Girl19', '0', '13', '16', 'Desperate']
k	Value: <girl.girl object>
l	Value: <boy.Boy object>

## 5 Module util

### 5.1 Functions

<code>testing_util()</code>
-----------------------------

<code>create(<i>file_name</i>, <i>list_name</i>)</code>
---

### 5.2 Variables

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

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