

# PPL Assignment

API Documentation

February 26, 2017

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# 1 Module app

## 1.1 Functions

|                     |
|---------------------|
| <code>main()</code> |
|---------------------|

## 2 Module boy

### 2.1 Variables

| Name                     | Description        |
|--------------------------|--------------------|
| <code>--package--</code> | <b>Value:</b> None |

### 2.2 Class Boy

Class for boy

#### 2.2.1 Methods

```
--init--(self, name, attractiveness, min_attraction, intelligence, budget, single=1)
```

```
:param name: name of boy :param attractiveness: attractiveness of boy :param
min_attraction: minimum attraction of girl required :param intelligence: intelligence of boy
:param budget: budget of boy :param single: commitment status
```

```
--str--(self)
```

```
change_commitment(self, val=0)
```

```
change commitment status to given value :param val: :return:
```

### 3 Module girl

#### 3.1 Variables

| Name                     | Description        |
|--------------------------|--------------------|
| <code>--package--</code> | <b>Value:</b> None |

#### 3.2 Class Girl

Class for girl

##### 3.2.1 Methods

|   |
|---|
| <code>--init--(self, name, attractiveness, intelligence, budget, single=1)</code> |
|---|

|  |
|--|
| :param name: name of girl :param attractiveness: attractiveness of girl :param intelligence: intelligence of girl :param budget: budget of girl :param single: commitment status |
|--|

|                            |
|----------------------------|
| <code>--str--(self)</code> |
|----------------------------|

|   |
|---|
| <code>change_commitment(self, val=0)</code> |
|---|

|  |
|--|
| change commitment status to given value :param val: :return: |
|--|

## 4 Module helper

### 4.1 Functions

**form\_couple**(*boy, girl*)

Takes a boy and girl and forms it couple :param boy: boy object :param girl: girl object  
:return:

**get\_boy\_list**()

Autogenerates a random boy list :return:

**get\_girl\_list**()

autogenerates a random girl list :return:

### 4.2 Variables

| Name        | Description        |
|-------------|--------------------|
| --package-- | <b>Value:</b> None |

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