

# PPL Assignment Question 1

API Documentation

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# 1 Module q1\_boys

## 1.1 Variables

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

## 1.2 Class Boy

boy class for all boys

### 1.2.1 Methods

<b><code>__init__</code></b> ( <i>self</i> , <i>name</i> , <i>atr</i> , <i>gfbudget</i> , <i>intelli</i> , <i>min_atr_req</i> )
constructor

<b><code>is_elligible</code></b> ( <i>self</i> , <i>mbudget</i> , <i>atr</i> )
checks the elligibility of a given Girl, for the current instance of Boy class

## 2 Module q1\_driver

### 2.1 Functions

<b>allocate()</b>
reads and stores the inputs from the generated csv files and then makes the valid couples

### 2.2 Variables

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

### 3 Module q1\_girls

#### 3.1 Variables

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

#### 3.2 Class Girl

girl class for all girls

##### 3.2.1 Methods

<b><code>__init__</code></b> ( <i>self</i> , <i>name</i> , <i>atr</i> , <i>mbudget</i> , <i>intelli</i> )
constructor

<b><code>is_elligible</code></b> ( <i>self</i> , <i>gfbudget</i> )
checks the elligibility of a given Boy, for the current instance of Girl class

## 4 Module `q1_utility`

### 4.1 Functions

<b>utility()</b>
creates the input csv files

<b>create</b> ( <i>file</i> , <i>list</i> )
writes to csv files

### 4.2 Variables

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

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