

Question1

API Documentation

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1 Module boy

1.1 Variables

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

1.2 Class Boy

defines a Boy

1.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name</i> , <i>attr_rating</i> , <i>budget</i> , <i>intel_level</i> , <i>attr_requirement</i> , <i>types</i>)
initialises attributes

<code>isEligible</code> (<i>self</i> , <i>girl</i>)
test if a girl is eligible for a particular boy

<code>checkStatus</code> (<i>self</i>)
check status of a boy

<code>changeStatus</code> (<i>self</i>)
changes status of a girl

1.2.2 Class Variables

Name	Description
<code>boy_number</code>	Value: 0

2 Module driver

2.1 Variables

Name	Description
boycsv	Value: open('boy.csv')
girlcsv	Value: open('girl.csv')
readBoy	Value: <_csv.reader object>
readGirl	Value: <_csv.reader object>
B	Value: [<boy.Boy object>, <boy.Boy object>, <boy.Boy object>, <b...
G	Value: [<girl.Girl object>, <girl.Girl object>, <girl.Girl objec...
__package__	Value: None
b	Value: <boy.Boy object>
g	Value: <girl.Girl object>
row	Value: ['Girl14', '91', '1169', '90', 'Desperate']

3 Module generate

3.1 Functions

writeToCsv (<i>Data</i> , <i>filename</i>)
writes to a csv file

generator ()
generates random data to be written to csv file

3.2 Variables

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

4 Module girl

4.1 Variables

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

4.2 Class Girl

defines a girl

4.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>name</i> , <i>attr_rating</i> , <i>main_budget</i> , <i>intel_level</i> , <i>types</i>)
initialises attributes

<code>isEligible</code> (<i>self</i> , <i>boy</i>)
test if a boy is eligible for a particular girl

<code>checkStatus</code> (<i>self</i>)
check status of a girl

<code>changeStatus</code> (<i>self</i>)
changes status of a girl

4.2.2 Class Variables

Name	Description
<code>girl_number</code>	Value: 0

5 Module logger

5.1 Functions

logger (<i>write</i>)
utility function for logging functionality

5.2 Variables

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

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