**Name**: Jenna Laaksovirta

**Pair:**

**Amount of completed tasks: 6**

**Which tasks were left undone or incomplete: 7**

Self-assessment:

I don’t understand task 7.

1. Multiple choice:
   1. The \_\_\_\_\_ method is automatically called when an object is created

\_\_init\_\_

* 1. The \_\_\_\_\_ programming practice is centered on creating functions that are separated from the data that they work on.

procedural

* 1. The \_\_\_\_\_ programming practice is centered on creating objects.

procedural

* 1. A(n) \_\_\_\_\_ is a component of a class that references data

data attribute

* 1. By doing this, you can hide a class’s attribute from code outside the class. i. avoiding using the self-parameter to create the attribute

begin the attribute’s name with private\_\_

* 1. A(n) \_\_\_\_\_ method stores a value in the data attribute or changes its value in some other way.

mutator

1. Explain the following terms:
   1. Super class

The **super()** function is used to give access to methods and properties of a parent or sibling class.

The **super()** function returns an object that represents the parent class.

* 1. Sub class a

A class which inherits from a superclass is called a subclass, also called heir class or child class. We could implement a vehicle class in Python, which might have methods like accelerate and brake.

* 1. Base class

**Parent class** is the class being inherited from, also called base class.

* 1. Derived class

**Child class** is the class that inherits from another class, also called derived class.

* 1. “Is a” relationship

Classes are interconnected.

## Test report

Write the test report yourself to each coding task (task number, input/action, desired output and then the testing evidence (actual output)). Add rows if necessary. Include answers to theoretical questions and pseudocode to this return document as well in addition to code screen captures. Actual output can be a screen capture of the terminal showing the output.

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Input / action** | **Desired output** | **Actual output (use red color if desired output != actual output)** |
| **task 3** | Game where the best sum of three rolls wins.  Tuulikki:9  Annikki:11  Jaska:12  Winner is Jaska:12 | Tuulikki:9  Annikki:11  Jaska:12  Winner is Jaska:12 |  |
|  | | | |
| **task 4** | Create a dictionary so that the player id is a key and each player has one dice. Roll each player’s dice and print out each player’s dice’s side.  Player Anna Laakkonen dice number is 4  Player Eero Erikoinen dice number is 3  Player Tuomo Tuollainen dice number is 6 | Player Anna Laakkonen dice number is 4  Player Eero Erikoinen dice number is 3  Player Tuomo Tuollainen dice number is 6 |  |
|  | | | |
| **task 5** | Create a dictionary wich tell what animal player owns.  Anna Tiukunen own mammal id: 0, species: Horse, name: Totilas, size: 350, weight: 175  Heikki Mattila own mammal id: 1, species: Dog, name: Totti, size: 16, weight: 45  Karolina Mäkinen own mammal id: 2, species: Cat, name: Rambo, size: 5, weight: 30 | Anna Tiukunen own mammal id: 0, species: Horse, name: Totilas, size: 350, weight: 175  Heikki Mattila own mammal id: 1, species: Dog, name: Totti, size: 16, weight: 45  Karolina Mäkinen own mammal id: 2, species: Cat, name: Rambo, size: 5, weight: 30 |  |
|  | | | |
| **task 6** | Dices sum tells which animal student owns.  Anna Tiukunen dice sum is: 7 and own mammal id: 2, species: Cat, name: Rambo, size: 5, weight: 30  Heikki Mattila dice sum is: 9 and own mammal id: 1, species: Dog, name: Totti, size: 16, weight: 45  Karolina Mäkinen dice sum is: 12 and own mammal id: 0, species: Horse, name: Totilas, size: 350, weight: 175 | Anna Tiukunen dice sum is: 7 and own mammal id: 2, species: Cat, name: Rambo, size: 5, weight: 30  Heikki Mattila dice sum is: 9 and own mammal id: 1, species: Dog, name: Totti, size: 16, weight: 45  Karolina Mäkinen dice sum is: 12 and own mammal id: 0, species: Horse, name: Totilas, size: 350, weight: 175 |  |
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| **task 7** |  |  |  |
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