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(Case Studies)

Class _____

Knowledge Management

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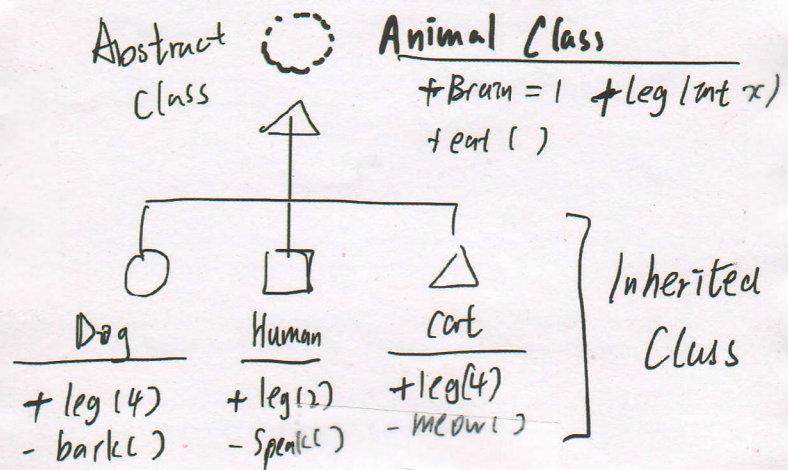
Opened: 24 July 2021RegDate: _____ RegID: PROG- Type: ImplementationTopic: HackRank — Certificate
& skill Test CertificateQuestion: Java — Intermediate Level

Discipline of learning: CS I Programming
Java Programming (11)
 • Class & Object
 • Abstract Class and Instances objects creation

```

Code Blame 16 lines (11 loc) · 207 Bytes
1  abstract class Calculator {
2      abstract int add(int a, int b);
3  }
4
5  class Adder extends Calculator {
6
7      @Override
8      int add(int a, int b) {
9          return a + b;
10     }
11 }
12
13 public class TheAdderClass {
14 }
15
16

```



Hackrank Java (Intermediate Level) Skill test Certificate

The main function is called, and the "Adder" class is inherited from the Calculator class, which is an abstract class.

An abstract class is a restricted class that you should create instances by inheritance.

Now, the object is created. The object original (super) class has a function called "add", but the inherited class has an "override" (it claimed to be) method.

But it is tricky, it works but does not work as an override method, just a simple method with a special function. An abstract method is only usable inside the abstract class only, the function body is in an inherited class, that special.