AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Science and Technology (FST)

Department of Computer Science (CS)

Object Oriented Programming 1

MidTerm Lab Task-1

Develop Classes in Java with the following attributes. Write all the setters and getters for the attributes. The Classes also have a method showInfo that displays all the information of a Class. Write a main method to create one or more object of the class and illustrate the usage of all the other methods.

Note: Student must follow the exact name of class, member variables, and functions. And students should use fully qualified names for these, as well camel notions. And the syntax alignment has to be as it should be.

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(4)	String name	Member variables
/ 5/	String color	declare private
105/	double height	1-2-1
/2/	double weight	7 1-01
Human	double age	1 1
1120	String dateOfBirth	1 33
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121	valued)	/
	showInfo	/
	Setter Methods	Example:
	Getter Methods	setName(String name)
\ \ Z	\h /	String getName()
1 1 7		3///
1 0	String name	Member variables
\ \ \	String color	declare private
	double height	3/
Cat	double weight	~/ /
	2 Constructor (Empty,	/
	valued)	
	showInfo	
	Setter Methods & Getter	
	Methods	
	String name	Member variables
	String color	declare private
	double height	
Dog	double weight	
	2 Constructor (Empty,	
	valued)	
	showInfo	
	Setter Methods & Getter	
	Methods	
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	String name	Member variables	
	String color	declare private	
	double height		
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Duck			
	2 Constructor (Empty,		
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	Setter Methods	Example:	
	Getter Methods	setName(String name)	
		String getName()	
	String name	Member variables	
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Car	double yearOfUse	(/ /)	
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/c3/	valued)	1-2-1	
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Good Luck!