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| --- |
| **Pet** |
| **-name: String**  **-birthYear: int**  **-year:int**  **-age:int** |
| **+Pet(nm:String)**  **+Pet(byr:int)**  **+Pet(pName: String, bYear:int)**  **+Pet()**  **<<constructors>>**  **+getName():String**  **+ getBirthYear(): int**  **+ setBirthYear(int bYear)**  **+ setName(String nm)**  **+ calcAge(): int<<abstract>>**  **+convertYears():int<<abstract>>**  **+ lifeExpectancy()<<abstract>>** |

Programmer: Jayashree Gatade

Date: 03/06/2013

Date

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| Dog |
| **-**noOfTricks: int  -size: char |
| +Dog(String name,**int** birthYear,**int** noTricks, **char** dSize)  +Dog()  <<constructors>>  +getNoTricks(): int  +getSize(): int  +getNoOfTricks(): int  +setNoTricks(**int** noTricks)  +setSize(**char** setSize)  +setNoOfTricks(**int** noOfTricks)  +convertYears(): int <<override>>  +lifeExpectancy(): int <<override>>  +toString(): String |

|  |
| --- |
| Cat |
| -indoor: boolean |
| +Cat(String name, **int** birthYear, **boolean** indore)  +Cat()  <<constructors>>  +getIndoor(): boolean  +setIndoor(**boolean** isIndoor)  +convertYears(): int <<override>>  +lifeExpectancy(): int <<override>>  +toString(): String |