```
                              Pet
      -name:String
      -animal : String
      -age :Short
      +setName(n:String):void
      +setAnimal(n:String):void
      +setAge(i:short):void
      +getname():String
      +getAnimal():String
      -getAge():short
```

```java
//Parth Barot
//Lab 4
//6/18/2015

import java.util.*;

public class Pet{

    public static void main(String [] args){
    //Data Dictionary

    Pet1 myPet = new Pet1();
    int buffer =0; //decalring buffer as integer.
    String buffer1= "";
    String menu = "(-1) quit, (1) setName , (2)setAnimal,
(3)setAge";

    menu += "\n (4) getName , (5) getAnimal (6) gerAge : ";
        Scanner kbd = new Scanner(System.in);// Creating new
scanner object into main meathod.

        do{
        System.out.print(menu);
        buffer =kbd.nextInt();
```
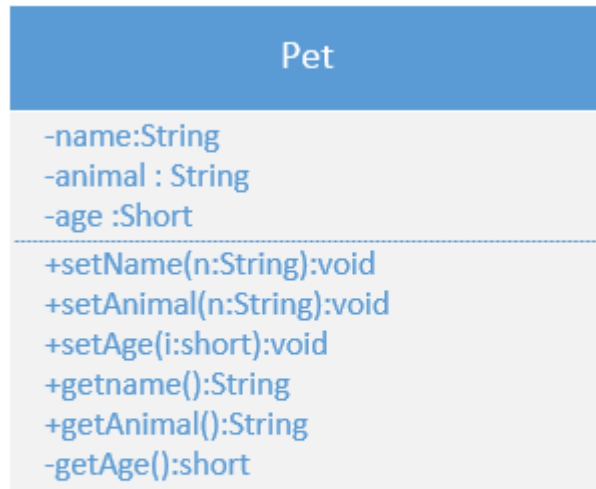
```java
            if(buffer == -1)break;

            if (buffer ==1)    {

                System.out.print("Enter the pet name : ");
                myPet.setName(kbd.next());
             }

             if(buffer == 2){
                System.out.println("Enter  set Animal type : ");
                myPet.setAnimal(kbd.next());

             }
            if (buffer == 3) {
                System.out.print("Enter the pet age : ");
                myPet.setAge(kbd.nextShort());

             }
            if (buffer == 4){
                System.out.println(myPet.getName());
            }

            if(buffer == 5) {
                System.out.println(myPet.getAnimal());
            }
            if (buffer == 6) {
                System.out.println(myPet.getAge());

            }



        }while(buffer != -1);
     }
}
class Pet1{ //Creating new pet1 class to set name , animal, age

    private String name = "";
    private String animal = "";
    private short age = 0;


    public void setName(String n){
        name = n;
```

```java
    }
    public void setAnimal(String n){
        animal = n;

    }
    public void setAge(short i){
        age = i;
    }

 public String getName(){
        return name;
 }


 public String getAnimal(){
        return animal;
 }

 public short getAge(){
        return age;
 }



}
```

OUTPUT

```
    ----jGRASP exec: java Pet

   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : 1
   Enter the pet name : nano
   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : 2
   Enter  set Animal type :
   dog
   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : 3
   Enter the pet age : 3
   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : 4
   nano
   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : 5
   dog
   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : 6
   3
   (-1) quit, (1) setName , (2)setAnimal, (3)setAge
    (4) getName , (5) getAnimal (6) gerAge : -1

    ----jGRASP: operation complete.
```