

```
1 //Header :0
2
3 package com.hashimseventh;
4
5 public class Main {
6
7     public static void main(String[] args) {
8
9         Raccoon myRaccoon = new Raccoon();
10        myRaccoon.displayMethod();
11
12        Doctor myDoctor = new Doctor();
13        myDoctor.displayMethod();
14
15        ElectricScooter myScooter = new ElectricScooter();
16        myScooter.displayMethod();
17
18        System.out.println("\n\tJohn was living his best life. He had just moved into his new apartment in San
Francisco. To get around +" +
19            "the city faster, he bought an electric scooter from target.\n It was a new " + myScooter.
getBrandName() + " that cost him $" +
20            +myScooter.getPrice() + "He decided to tour the city on his scooter and approached the scooter's max
speed of " + myScooter.getMaxSpeed() + ". Meanwhile" +
21            "a " + myRaccoon.getHeight() + " inch tall raccoon named " + myRaccoon.getName() + " was digging
through trash nearby when it heard a guy on a loud scooter" +
22            "approaching him. Terrified, " + myRaccoon.getName() + " panicked and ran onto the street. BAM!
John had crashed into the");
23
24
```

```
25     myRaccoon.setName("Isa");
26     myRaccoon.setHeight(11);
27     myRaccoon.setScary(false);
28     myRaccoon.setHungerLevel(1);
29     myRaccoon.displayMethod();
30
31     myDoctor.setName("Ali Rizvi");
32     myDoctor.setLazy(false);
33     myDoctor.setPatientsSaved(1);
34     myDoctor.setLooks(10);
35     myDoctor.displayMethod();
36
37     myScooter.setBrandName("GoTrax Apex PRO");
38     myScooter.setPrice(300);
39     myScooter.setMaxSpeed(12.5);
40     myScooter.setColor("White");
41     myScooter.displayMethod();
42
43     System.out.println(myRaccoon.isScary() ? "very scary" : "aww puppy");
44 }
45 }
46
```

```
1 //Header :0
2
3 package com.hashimseventh;
4
5 public class Doctor {
6
7     //Fields of class
8     String name;
9     Boolean lazy;
10    int patientsSaved;
11    float looks;
12
13    //Constructor
14    public Doctor(String name, Boolean lazy, int patientsSaved, float looks){
15        this.name = name;
16        this.lazy = lazy;
17        this.patientsSaved = patientsSaved;
18        this.looks = looks;
19    }
20
21    //Default Constructor
22    public Doctor(){
23        this.name = ("Ben Choo");
24        this.lazy = true;
25        this.patientsSaved = 0;
26        this.looks = 8.5f;
27    }
28
29    //Getters and setters
```

```
30     public String getName() {
31         return name;
32     }
33
34     public void setName(String name) {
35         this.name = name;
36     }
37
38     public Boolean getLazy() {
39         return lazy;
40     }
41
42     public void setLazy(Boolean lazy) {
43         this.lazy = lazy;
44     }
45
46     public int getPatientsSaved() {
47         return patientsSaved;
48     }
49
50     public void setPatientsSaved(int patientsSaved) {
51         this.patientsSaved = patientsSaved;
52     }
53
54     public float getLooks() {
55         return looks;
56     }
57
58     public void setLooks(float looks) {
```

```
59         this.looks = looks;
60     }
61
62     //Display Method
63     public void displayMethod(){
64         System.out.println(this.getName() + " " + this.getLazy() + " " + this.getPatientsSaved() + " " + this.
getLooks());
65     }
66 }
67
```

```
1  /*
2  Jafar Hashim
3  Cmdr Schenk
4  Period 7
5  30 Aug 2022
6  Animal POCO Class
7  */
8
9  package com.hashimseventh;
10
11 public class Raccoon {
12
13     String name;
14     float height;
15     boolean scary;
16     double hungerLevel;
17
18     //Constructor
19     public Raccoon(String name, float height, boolean scary, double hungerLevel) {
20         this.name = name;
21         this.height = height;
22         this.scary = scary;
23         this.hungerLevel = hungerLevel;
24     }
25
26     //Default Constructor
27     public Raccoon(){
28         this.name = ("Chloe");
29         this.height = 10;
```

```
30         this.scary = true;
31         this.hungerLevel = 2;
32     }
33
34
35     //Getters and Setters
36     public String getName() {
37         return name;
38     }
39
40     public void setName(String name) {
41         this.name = name;
42     }
43
44     public float getHeight() {
45         return height;
46     }
47
48     public void setHeight(float height) {
49         this.height = height;
50     }
51
52     public boolean isScary() {
53         return scary;
54     }
55
56     public void setScary(boolean scary) {
57         this.scary = scary;
58     }
```

```
59
60     public double getHungerLevel() {
61         return hungerLevel;
62     }
63
64     public void setHungerLevel(int hungerLevel) {
65         this.hungerLevel = hungerLevel;
66     }
67
68     public void displayMethod(){
69         System.out.println(this.getName() + " " + this.getHeight() + " inches " + this.isScary() + " " + this.
getHungerLevel());
70     }
71 }
72
```



```
1 package com.hashimseventh;
2
3 public class ElectricScooter {
4
5     String brandName;
6     float price;
7     double maxSpeed;
8     String color;
9
10    public ElectricScooter(String brandName, float price, double maxSpeed, String color) {
11        this.brandName = brandName;
12        this.price = price;
13        this.maxSpeed = maxSpeed;
14        this.color= color;
15    }
16
17    public ElectricScooter(){
18        this.brandName = ("Bird Flex");
19        this.price = 500.2f;
20        this.maxSpeed = 15.5;
21        this.color = ("Black");
22    }
23
24    public String getBrandName() {
25        return brandName;
26    }
27
28    public void setBrandName(String brandName) {
29        this.brandName = brandName;
```

```
30     }
31
32     public float getPrice() {
33         return price;
34     }
35
36     public void setPrice(float price) {
37         this.price = price;
38     }
39
40     public double getMaxSpeed() {
41         return maxSpeed;
42     }
43
44     public void setMaxSpeed(double maxSpeed) {
45         this.maxSpeed = maxSpeed;
46     }
47
48     public String getColor() {
49         return color;
50     }
51
52     public void setColor(String color) {
53         this.color = color;
54     }
55
56     public void displayMethod(){
57         System.out.println(this.getBrandName() + " " + "$" + this.getPrice() + " " + this.getMaxSpeed() + " "
+ this.getColor());
```

58 }
59 }
60 }