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1  -----Speaker.java-----
2  package com.ameya.interfaces;
3
4  public interface Speaker {
5
6      int DURATION=45;//public static final int DURATION=45
7      void speak();//public abstract void speak();
8      void topic();//public abstract void topic();
9      default void show() {
10         System.out.println("Default implementation of show");
11     }
12 }
13 -----Politician.java-----
14 package com.ameya.interfaces.impl;
15
16 import com.ameya.interfaces.Speaker;
17
18 public class Politician implements Speaker {
19
20     @Override
21     public void speak() {
22         System.out.println("Politician Speaks in Political pros and cons");
23         System.out.println("Duration :: "+Speaker.DURATION+" mins.");
24
25     }
26
27     @Override
28     public void topic() {
29         System.out.println("COVID-19 Pandemic and The Effects on
30         India");
31     }
32
33 }
34 -----Preacher.java-----
35 package com.ameya.interfaces.impl;
36
37 import com.ameya.interfaces.Speaker;
38
39 public class Preacher implements Speaker {
40

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```
41     @Override
42     public void speak() {
43         System.out.println("Preacher Who Preaches.....");
44         System.out.println("Duration :: "+(Speaker.DURATION+10)+"
            mins.");
45
46     }
47
48     @Override
49     public void topic() {
50         System.out.println("Importance of Prayers For Peace Of Mind");
51
52     }
53
54 }
55 -----Trainer.java-----
56 package com.ameya.interfaces.impl;
57
58 import com.ameya.interfaces.Speaker;
59
60 public class Trainer implements Speaker {
61
62     @Override
63     public void speak() {
64         System.out.println("YURI the trainer who trains...(Pink Panther
            style)");
65         System.out.println("Duration :: "+(Speaker.DURATION+20)+"
            mins.");
66     }
67
68     @Override
69     public void topic() {
70         System.out.println("How to Hit a perfect Banana Kick...");
71
72     }
73
74     @Override
75     public void show() {
76         System.out.println("Shows a PPT for soccer Kicks...");
77     }
78 }
```

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79 -----TestInterfaces.java-----
80 package com.ameya.test;
81
82 import com.ameya.interfaces.Speaker;
83 import com.ameya.interfaces.impl.Politician;
84 import com.ameya.interfaces.impl.Preacher;
85 import com.ameya.interfaces.impl.Trainer;
86
87 public class TestInterfaces {
88
89     public static void main(String[] args) {
90         Trainer trainer=new Trainer();
91         Preacher preacher=new Preacher();
92         Politician politician=new Politician();
93
94         displayInfo(trainer);
95         displayInfo(preacher);
96         displayInfo(politician);
97     }
98     static void displayInfo(Speaker speaker) {
99         speaker.speak();
100        speaker.topic();
101        speaker.show();
102    }
103 }
104
```