

```

28
29     public void greet( ) {
30         System.out.println ("Bonjour");
31     }
32 }

```

### German class

```

33     public class German extends European {
34         //'private String language' does not need to be declared as it is inherited
35
36         public German( ) {
37             language = "German";
38         }
39
40         public void greet( ) {
41             System.out.println ("Guten Tag");
42         }
43     }

```

### Italian class

```

44     public class Italian extends European {
45         //'private String language' does not need to be declared as it is inherited
46
47         public Italian( ) {
48             language = "Italian";
49         }
50
51         public void greet( ) {
52             System.out.println ("Buongiorno");
53         }
54     }

```

### Salutation class

```

55     public class Salutation {
56
57         public static void main(String[] args) {
58             European euMember[];
59             int i;
60             euMember = new European[4];
61             euMember[0] = new Briton( );
62             euMember[1] = new Frenchman( );
63             euMember[2] = new German( );
64             euMember[3] = new Italian( );
65
66             for (i = 0; i < 4; i++) {
67                 euMember[i].greet( );
68             }
69         }
70     }

```

Figure 11.11 Java code for the European hierarchy (continued)