

```
1 <html>
2 <head>
3   <title>PHP_OO_ABSTRACAO_INTERFACE_POLIMORFISMO</title>
4 </html>
5 <body>
6
7 <?php
8   //abstracao
9   abstract class InstrumentoMusical
10  {
11      public $volume;
12      public abstract function tocar();
13  }
14
15  class Guitarra extends InstrumentoMusical
16  {
17      public function tocar()
18      {
19          echo "Tocando guitarra. <br />";
20      }
21  }
22
23  $guitarra = new Guitarra();
24  $guitarra->tocar();
25 ?>
26 </body>
27 </html>
```

```

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2 <head>
3 <title>PHP_OO_ABSTRACAO_INTERFACE_POLIMORFISMO</title>
4 </html>
5 <body>
6
7 <?php
8 //abstracao
9 abstract class InstrumentoMusical
10 {
11     public $volume;
12     public abstract function tocar();
13 }
14
15 //interface
16 interface Transportavel
17 {
18     public function transportar();
19 }
20
21 //abstracao
22 //interface
23 class Guitarra extends InstrumentoMusical implements Transportavel
24 {
25     public function tocar()
26     {
27         echo "Tocando guitarra. <br />";
28     }
29     public function transportar()
30     {
31         echo "Transporte de guitarra. <br />";
32     }
33 }
34
35 //interface
36 class Computador implements Transportavel
37 {
38     public function transportar()
39     {
40         echo "Transporte de computador. <br />";
41     }
42 }
43
44 //abstracao
45 //interface
46 $guitarra = new Guitarra();
47 $guitarra->tocar();
48 $guitarra->transportar();
49
50 //interface
51 $computador = new Computador();
52 $computador->transportar();
53 ?>
54 </body>
55 </html>

```